

# Finishes Cleaning & Maintenance Guide

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### White Polyurethane Topcoat

#### General Description

Used as a self sealing product this multi-purpose coating offers excellent chemical and humidity resistance while offering outstanding color-fastness and resistance to UV degradation. The fully cured film provides superior resistance to abrasion and black heel marks, Designed for durability and performance on a variety of high-end architectural millwork, and cabinetry.

#### Physical Properties

Vehicle Type	Aqueous blend of aliphatic polyester/polycarbonate combined with crosslinked castor oil-based polyurethane.
Solids by Volume	31.5 (+/-1%)
Solids by Weight	40.15 (+/-1%)
VOC (minus exempt)	65.89 g/l
VOC (as supplied)	19.89 g/l
Specific Gravity	1.14
Viscosity	25-28 sec. Zahn #3

#### Application

Application Method	May be sprayed with conventional, airless and air assisted-airless. *Product can accept 15% catalyst with a 6hr pot life ( high temperatures outside of 75 F. will effect pot life) *Will thicken and harden ruin equipment if not cleaned immediately <u>General Spray Equipment recommendations</u> - Airless 308-306 1,200-1600 fluid pounds - Turbine 4 stage minimum 1.3-1.5 - Air-assist 600-1200 fluid pounds .11-.09
Mixing Instructions	Ready to Spray. DO NOT over thin; product should be sprayed as supplied. If needed, add 0.3% thickener (CW-9002) to bring up viscosity in airless application Add no more than 15% catalyst (CW-4002) if needed
Substrate Preparation	The surface must be clean, dry and free of grease, oil, dirt, and any other contamination to ensure proper adhesion. Remove any loose paint. Sand 320 between coats and 220 max on raw wood application <u>Test for adhesion and compatibility before full scale application.</u>
Application Instructions	IMPORTANT: Mix well using a power agitator prior to application. Upon application, the temperature of the product, substrate, and coating should be above 50°F. Apply up to 3 coats, allowing enough drying time between coats.
Coverage	Approx. 481-545 square feet per gallon at 1 dry mil. @ 100% transfer efficiency. Actual coverage may vary depending on application technique, equipment, and weather conditions.

#### Curing / Drying Time Properties

Air Drying Time (77°F, 50% Humidity)	Wheel and weight	CS-17 (2) 1 kg/ea
Dust Free	10-15 min.	Weight loss (grams) 13
Sand	20-25 min.	
Package	12 hours	

#### Abrasive Resistance

#### Available Products

- CW-3128 (Gloss)
- CW-3127 (Semi-Gloss)
- CW-3126 (Satin)
- CW-3125 (Flat)

#### Features / Advantages

- Fast Drying
- Sandability
- Early Hardness Development
- Abrasion Resistance
- Durability

#### Recommended For

- High End Furniture
- Cabinetry
- Hardwood Flooring

#### Safety / Clean Up

Please read the product Safety Data Sheet and product label before using product. Applications tools must be cleaned with water after use. Dispose of any leftover materials in accordance with local, state, or federal regulations.



# Care Instructions

Formica® laminates do not easily scratch or chip and will withstand normal wear and tear. They are also stain resistant therefore the best cleaning agent for laminate surfaces is clean water and mild detergent. It is also recommended that you rinse detergent off with a clean, damp cloth and polish the surface dry with a soft cloth.

## Streaks

Streaky marks sometimes show on dark colours and gloss surfaces. After cleaning use a glass cleaning product such as Mr Muscle Surface & Glass or Ajax Spray 'n' Wipe glass cleaners.

## Grease

Clean, hot soapy water will deal with greasy marks. If needed, dab, wait and wipe away. Finish off with a glass cleaner.

## Spills

With some accidental spills you must take prompt action. Wipe off **beetroot** and **berry** juices, first aid preparations, concentrated **bleach**, dishwasher **detergents** and artificial **dyes** or hair colouring immediately. Acid based **ceramic cleaners**, **oven cleaner** and **limescale removers** must not be used as they can cause permanent staining. Any spillage or splashes of these cleaners must be washed off the laminate surface immediately. Specialty glue types such as **Super Glue** can also be removed immediately with acetone (nail polish remover).

## Scratches

Formica laminates will withstand normal wear and tear but can be damaged by scratching or cutting with utensils, knives and unglazed pottery. Darker colours and gloss surfaces show scratches more readily than lighter colours. To minimise scratching, always place and lift objects from the surface. Never drag or slide them across the surface.

## Stains

If a stain cannot be removed with Ajax Spray 'n' Wipe try methylated spirits or dab the stain with a diluted bleach mixture (1 part bleach to 8 parts water). Leave for 3 minutes then wash off with water and dry. Finish off with Ajax Spray 'n' Wipe. Please note that bleach may irreversibly damage the laminate surface. Always be careful on laminate joins and edges as these products can break down the adhesive used to bond your Formica laminate to the substrate.

Ink marks from felt-tip and ball-point pens can be removed with a suitable solvent such as methylated spirits or acetone on a clean cloth. Solvents such as methylated spirits and acetone are highly flammable. Use with proper caution.

After using a cleaner, the surface should be rinsed with clean water and polished dry with a soft cloth.

## Avoid

- Don't place appliances or pots straight from the oven/stove directly on to your Formica laminate surface.
- Avoid scourers and abrasives. They will damage the surface.
- Furniture polishes should not be used, as a build up of silicone wax on the surface may result in eventual discolouration and smear marks which can be very difficult to remove.
- Don't cut directly on Formica laminate surfaces.
- Don't place burning cigarettes on to Formica laminate surfaces.

## Quick reference cleaning guide

Finish	Recommended cleaning
Formica laminates - Velour, Etchings, Naturelle & ARTouch finish	A damp cloth removes spills and greasy spots. Clean with warm soapy water. To remove heavy built up dirt use a glass cleaner such as Mr Muscle Surface & Glass or Ajax Spray 'n' Wipe glass cleaners. Rub with a clean, dry cloth to bring back brightness.
Formica laminates - Riverwash & Honed finish	Deep textured finishes are inevitably more difficult to clean than smooth surfaces. For built up dirt in textured surfaces, use a nylon bristled hand or vegetable brush in conjunction with clean hot soapy water. Clean the soiled area using a rotating motion. Rinse and dry the surface with a clean dry cloth.
Formica laminates - Metallic finish	Clean these items with a soft, damp, non-abrasive cotton cloth and a mild liquid detergent. Do not use solvents, abrasive cleaners or waxes on metallic laminates. Mild glass cleaners may be used to remove streaks.
Formica laminates - Gloss Plus & AR Plus finish	A damp cloth removes spills and greasy spots. Clean with warm soapy water. To remove heavy built up dirt use a glass cleaner such as Mr Muscle Surface & Glass or Ajax Spray 'n' Wipe glass cleaners. Rub with a clean, dry cloth to bring back brightness. If used as a whiteboard surface then only Whiteboard markers with the brand Artline or Staedtler should be used. The use of permanent markers is not recommended as while it is possible to clean off, they may leave ghosting or non-removable marks over time. A soft cloth (no wetting) should remove whiteboard marker pens. If necessary, a soft cloth made damp with water can also be used. For a thorough cleaning we recommend the use of Isopropyl Alcohol (IPA) and a soft cloth.

## DRAWERS AT FIREPLACE

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### Formica® Laminate Cleaning Guide

Formica® Laminate is simple to maintain... however sometimes deeper cleaning is necessary. Here's what you need to know about special textures, various materials and your laminate countertop.

[Feedback](#)

#### Ordinary Cleaning

Formica® Laminate is very easy to clean.

In most cases, you only need to use a clean, damp, nonabrasive cotton cloth and a mild liquid detergent or household cleaner. Clean the soiled area using a rotating motion. The following is a list of household cleaners Formica Corporation recommends for use in the everyday cleaning of Formica® Brand Laminate:

- Liquid dish soap like Dawn®
- Fantastik® All Purpose Cleaner
- Formula 409®
- Pine-Sol® (original formula)
- Windex®



*SECTION      093000*

*TILE*

**SCHWEITZER-WHITE PINE LODGE  
SANDPOINT, IDAHO**

**DALTILE  
COLOR WHEEL**

- CT 4 COLOR 0790 ARCTIC WHITE 4.5X4.5

Product Information

- . Care & Maintenance
- . Warranty

**SECTION      093000**

**TILE**

**SCHWEITZER-WHITE PINE LODGE  
SANDPOINT, IDAHO**



**DALTILE  
SUBLIMITY**

- VE CT-2/CT 3 PARQUET COLOR M018 CIRRUS

Product Information

- Care & Maintenance
- Warranty

# **Ceramic Tile**

## **Routine Care & Maintenance**

### **ROUTINE CARE**

Glazed tile products should be cleaned routinely with an all-purpose, low VOC, household or commercial cleaner. The product chosen should also be grout joint cleaning compatible. The type of product may vary depending on the tile application and use. A multipurpose spray cleaner, which removes soap scum, hard water deposits and mildew designed for everyday use can be used on wall tile areas in residential baths and showers. A cotton mop, cloth, sponge, or non-metallic brush should be used to apply and agitate cleaner. Rinse the area with clean water and dry thoroughly. Routine cleaners should never contain harsh chemicals as these can damage tile. Acids can damage grout and the glazed surface of the tile. Ammonia can discolor grout.

Regular dust mopping, sweeping, or vacuuming is recommended prior to cleaning with liquid products.

Unglazed tile should be cleaned routinely with concentrated tile cleaners with a neutral pH for safe regular use. These cleaners are better suited for removing grease, oils, and normal spills from unglazed products. Again these products will vary depending on the application, amount of traffic and the use. The product chosen should also be compatible with the grout.

### **REMOVAL OF SEALERS, WAXES, FLOOR FINISHES**

Ceramic tile can be sealed if desired. It is recommended that grout be sealed.

If you need to remove a topical sealer or floor wax from a ceramic tile you should use a tile sealer and adhesive remover. Always test a small area first. Apply a liberal amount of undiluted sealer & adhesive remover to a manageable area. Allow it to set without drying until coating or residue softens. Reapply if necessary until sealer softens and can be removed. If necessary, agitate with white nylon scrub pad. Wipe up the residue with a cotton towel or sponge. Rinse thoroughly with clean water. Do not use ceramic sealer removers on natural stone products.

### **GROUT CARE**

Grout is the material used to fill the spaces between the individual tiles. Grout comes in many colors. While color is important to the final finished look of the tile installation, it has little effect on the functionality of the grout. The purpose of grout is, simply, to fill the joint between the tiles and becomes a permanent, integral component of the finished installation. Grout darkens over time, so we recommend that it be sealed regularly to preserve and protect it. Grout can be stained to normalize the color of older grout.

## **GROUT INSTALLATION**

Immediately after tile has been installed and grouted, the new installation should be covered with brown paper to protect it from debris during the remaining construction process. The grout joints should be dampened daily with water using a clean sponge or mop during the first seven days. This procedure facilitates the grout cure and color lock. The paper will allow for two important things: (1) to protect the newly installed tile grout and (2) to allow moisture to escape from the grout as it cures, further protecting the look and utility of the floor. This is an important step in achieving color consistency. Never use plastic or non-absorbent materials to protect freshly installed tile. These types of non-absorbent products will trap moisture, causing the grout to discolor during the curing period. The protective brown paper should remain until construction is complete and the floor is opened for intended (post-construction) use.

Following a curing period of at least 24 hours, grout haze can be removed with plain water or a grout haze remover, which usually contains Sulfamic acid. Sulfamic acid can also be purchased in powder form and mixed with water to different strengths by qualified professionals. Similarly, epoxy grout haze can be removed with an epoxy haze remover. These removers are formulated to safely and quickly remove cured epoxy haze from new tile installations. Their unique formulation will soften most epoxy hazes for easy removal without damaging the grout or tile, usually in one application. Sulfamic acid or grout removers should never be used on natural stone products.

## **PENETRATING/IMPREGNATING SEALER**

Most tile installations use cementitious grouts. This type of grout should be sealed after installation to prevent it from staining. The grout should be sealed with a penetrating/impregnating sealer (often called grout sealers), which does not contain silicone, as silicone can shorten the useful life of the sealer. Epoxy grouts, conversely, are chemically cured and acid resistant, and as a result, do not require a sealer. The application of a good quality penetrating/impregnating sealer into the grout joints of a cementitious grout will not change the natural color of the grout, but will prevent the penetration of moisture, simplify maintenance, and help prevent staining or discoloration. Only the grout needs to be sealed, it is not required for glazed tiles to be sealed. Grout can be sealed 72 hours after installation.

There are different grades of penetrating/impregnating sealers. Be sure you are aware of the life-span of your sealer. You may need to reapply the sealer on an annual basis depending on the sealer quality, traffic patterns, and maintenance routine. Some sealers have multiple year warranties. Refer to the manufacturer warranty, technical & product information for specific details on product installation, useful life, and product applications (including any warnings) before use.

## **GROUT MAINTENANCE**

Neither sealing the grout nor using an epoxy grout will guarantee against surface buildup or discoloration of the grout. Grout needs to be cleaned on a periodic basis to remove any surface buildup. Routine grout cleaning can be done with a daily concentrated household or commercial cleaner depending on the application. When heavy-duty grout cleaning is required, you will need to use a professional strength tile and grout cleaner that can remove grease, soap scum, body oil, mildew stains, algae, and synthetic or acrylic waxes from the grout joints. However, such a product should contain non-polluting chemicals and low VOC levels. This type of product can be purchased from most home centers, or through your local professional floor covering dealer.

## **GROUT COLOR RESTORATION**

When grout has been stained to the point that it cannot be maintained or returned to its natural color, you can return the grout back to its original color or any other color using a grout stain. Grout stains are epoxy-based products that are specifically designed to penetrate the grout and seal the surface with a permanent color. Once the grout has been stained there is no need to seal it any further with a penetrating/impregnating sealer. Prior to staining, the grout joint should be cleaned thoroughly to remove any dirt, oils, grease, or sealers with a professional strength tile and grout cleaner.

## **Porcelain Tile Routine Care & Maintenance**

Porcelain is the champion floor and wall tile that brings flexible style and enduring quality to your home or commercial space. With the minimal care, your porcelain can easily have a decades-long lifespan.

### **ROUTINE CARE AND CLEANING**

Regular, basic cleaning with warm water and mild soap is sufficient to keep floors looking good. You can also use gentle, everyday multipurpose spray cleaner to remove soap scum, hard water

deposits, and mildew. Do not use cleaning products that contain acids or ammonia (and other harsh chemicals) as these can damage grout and glazed surfaces of the tile. Choose products that are compatible with your grout to avoid damage or discoloration of the grout. Always dry your porcelain thoroughly after cleaning.

Unglazed tile should be cleaned routinely with concentrated tile cleaners that have a neutral pH. These cleaners are better suited for removing grease, oils and normal spills from unglazed products.

### **StepWise™ Product Care**

StepWise is a technology infused into tile that makes it 50% more slip resistant than regular tile. Products with StepWise do not require any specialized care. They can be cleaned and maintained as you would any porcelain surface.

### **Preventing Stains and Scratches**

While porcelain is resistant to scratches, etching and stains, these surfaces are not damage proof. Take care to avoid exposing porcelain to permanent inks or dyes, as these might not be removable. If porcelain surfaces are exposed to permanent marker or dye, rinse the area with water as soon as possible then apply approved cleaning product. Rinse and dry thoroughly. Although porcelain is resistant to stains from juice, wine, coffee and other food substances, it is best to wipe up spills immediately to prevent possible stains.

Use cleaning products and implements that are non-abrasive. Additionally, sweep or vacuum tile prior to cleaning to remove dust or debris.

### **Protecting Porcelain Surfaces**

Porcelain does not require sealing; however, it is a good idea to seal grout or any joints. Use a product that is safe for both the tile and the grout.

To remove sealers, waxes and other floor finishes from porcelain tile, use a tile sealer and adhesive remover. Always test a small area first. Apply a liberal amount of undiluted sealer and

adhesive remover in a manageable area. Allow it to sit without drying until sealer residues on the surface soften. Reapply if necessary until sealer softens and can be removed by wiping off with a cotton towel or sponge. If necessary, agitate with a nylon scrub pad. Rinse thoroughly with clean water. Do not use on tile or grout sealers on natural stone products.

## **GROUT CARE**

The purpose of grout is twofold, to fill the joint between the tiles and to provide a space for tile to flex. It decreases breakage of tile and becomes a permanent, integral component of the finished installation. Grout is one of the more difficult parts of maintaining a porcelain tile floor. It tends to capture dirt and darkens over time. It requires more specialized cleaning and maintenance than tile.

### **Installation**

Immediately after tile has been installed and grouted, the new installation should be covered with brown paper (to protect it from debris and allow for moisture evaporation) during any remaining construction. The grout joints should be dampened daily with clear water using a clean sponge or mop during the first seven days. This procedure facilitates the grout cure and helps it retain its color better.

Haze is a film that is left behind on the tile after it has been grouted. This can easily be buffed off the surface after the grout has cured 12-24 hours with a sulfamic acid-based grout haze cleaner. It can be purchased in powder form and mixed with water to the appropriate strength. This type of cleaner breaks down the cementitious grout haze. If your grout is epoxy-based, epoxy haze cleaners are formulated for this different form of grout. Both haze cleaners are safe for grout and tile but should not be used on natural stone.

### **Sealing**

Cementitious grouts should be sealed after installation. A penetrating/impregnating sealer that does not contain silicone is effective in grout's resistance to spills, stains and moisture absorption and can help it retain its original color better and decrease maintenance. Sealers should be reapplied regularly to grout (glazed tile does not need to be sealed). Some sealers will last several years (see product information, and warranties) but frequency will also depend on traffic patterns and maintenance routines. Grout should be sealed 72 hours after installation.

Epoxy grout is chemically cured and doesn't require the sealers that cementitious grouts do. They are naturally resistant to spills, stains and moisture.

## **Cleaning**

Grout needs to be cleaned on a periodic basis to remove any surface buildup. Routine grout cleaning can be done with a daily concentrated household or commercial cleaner depending on the application. When heavy-duty grout cleaning is required, you will need to use a professional strength tile and grout cleaner that is capable of removing grease, soap scum, oils, mildew stains, algae, and synthetic or acrylic waxes from the grout joints. Select a product that does not contain polluting chemicals and is low VOC. This type of product can be purchased from most home centers, or through your local, professional floor covering dealer. You might also consider professional grout cleaning companies.

## **Grout Restoration**

When grout has been stained to the point that it cannot be maintained or returned to its natural color, you can use a "grout stain." Grout stains are epoxy-based products that are specifically designed to penetrate into the grout and seal the surface with a permanent color. Once the grout has been stained there is no need to seal it any further with a penetrating/impregnating sealer. Prior to staining, the grout joint should be cleaned thoroughly to remove any dirt, oils, grease or sealers with a professional strength tile and grout cleaner. This can be purchased from most home centers or through your local professional floor covering dealer.

## **Natural Stone Tile Routine Care & Maintenance**

There's nothing more beautiful than the permanence of natural stone. With the right care and regular maintenance, your stone can last a lifetime.

Read below for helpful instructions and tips on how to best clean and maintain marble, granite, limestone, travertine, and soapstone flooring.

### **ROUTINE CARE**

Natural stone floors should be cleaned with neutral cleaners specifically designed for stone. These cleaners are concentrated pH neutral cleaners that will not affect existing sealers or other types of coatings. Stone cleaners should never contain acid or bleach. Acids, even a light solution of vinegar and water, will etch and eventually damage many varieties of natural stone. A solution of the pH neutral cleaner and water mixed to manufacturer instructions should be applied to the stone surface with a sponge or spray bottle. Allow solution to sit per manufacturer recommended specified amount of time to ensure penetration of the stone. Agitate with a sponge, or soft bristle brush. Remove dirty solution with clean sponge and buff dry. Some textured stones may require a different cleaning method or additional procedures not specified here.

### **HEAVY-DUTY STONE CLEANING**

If stone needs a deep clean, you will need to use a heavy-duty stone cleaner and degreaser to effectively remove dirt, grease, grime, waxes, etc. These cleaning products are concentrated and designed to deep clean the stone without damaging it. Apply the solution per manufacturer instructions to the stone surface with a sponge. Allow to stand for manufacturer-specified amount of time.

Agitate with a sponge or soft bristle brush. Remove dirty solution with a clean sponge and buff dry. Be sure to change out the cleaning solution every 100 square feet to avoid reintroducing dirty water during the cleaning process. Rinse thoroughly with clean water when finished. Make sure to always limit the time liquids sit on any type of natural stone and dry the surface thoroughly.

### **STAIN REMOVAL**

A stone specific poultice can be used to remove stains and grout haze from stone. Poultice is a fine, non-acidic, absorptive clay cleaning powder that removes stains and light cementitious grout haze from polished and unpolished natural stone. Stone poultice efficacy depends on the nature of the stain and how long the stain has been in the stone. Base the selection of the type of poultice on the nature of the stain. If the stain is old or has penetrated the stone deeply, a poultice may not be enough to remove it. Spills should always be cleaned up as soon as possible. Light colored marble and nearly all limestone are subject to staining. Spills on such materials should be cleaned up immediately to prevent staining.

**CAUTION:** Poultice may dull the shine of the polished stone. If this occurs you will need to use a stone polish to restore the natural shine.

## **RESTORATION**

If your natural stone has been damaged or is worn, we recommend that you contact a professional stone restoration company.

## **SEALING**

Sealing is strongly recommended for all stone, especially newly installed marble, granite, and limestone to provide maximum stain protection. Be careful to select a high-quality sealer to protect your natural stone. Please check with your fabricator regarding their standard sealing regimen. Sealing every couple of years (see manufacturer's directions) will ensure your stone continues to look its best.

## **TYPES OF SEALING PRODUCTS**

There are two categories of sealing products: penetrating/impregnating and stone enhancer.

Penetrating/impregnating stone sealers are a no-sheen, natural look sealer that can be water-based or solvent-based, and are good for interior and exterior applications. Most quality sealers of this type are rated to protect the stone for several years. A premium natural look penetrating/impregnating sealer is the standard choice on polished or honed natural stone.

Stone enhancer sealers are also a no-sheen, penetrating/impregnating sealer that is formulated to darken, enrich, and highlight the natural color and beauty of stone products. They will rejuvenate and improve the appearance of worn and weathered stone. However, they will also darken the color of seams and joints. They are, generally, suitable for interior and exterior use, and rated to protect the stone for several years.

Always reference manufacturers' literature for specific information on the duration of the sealer's protection and make sure that the sealer is applied in strict accordance with the manufacturer's instructions.

## **ACID SENSITIVITY**

The use of natural stones in environments where acid exposure is likely requires a proper stone selection to avoid etching. Most notably, the calcium carbonate and calcite-based stones (marble and limestone primarily) will react to relatively mild acids, such as lemon juice, vinegar, and sliced tomatoes. The result is not a stain, which could be removed, but an etching of the stone surface, which cannot be removed without refinishing the stone. In polished finish stones, a mild acid attack will usually manifest itself as a “dull” spot within the surrounding glossy surface.

### **LOT SPECIFIC ISSUES**

Stone tile is a product of nature and is inherently subject to the variability of any product harvested from nature. Select adequate quantities of a product in the beginning of a project as it can be very difficult to buy stone later that matches an initial purchase. We recommend customers purchase a 10% overage.

### **TRANSLUCENCE**

Translucence may occur in some white or very lightly colored marbles and onyxes that have a crystal structure that will transmit light to varying degrees depending upon stone thickness and finish. Translucence can be an aesthetically intriguing, decorative attribute and is not considered a defect.

### **MIXING TYPES OF MATERIALS**

Designs calling for a mixture of stones with different physical properties, while aesthetically interesting, can give rise to problems of wear and maintenance, especially in outdoor applications. Re-polishing will pose problems as well. The customer should be aware that mixing types of stones means there will be different application limitations, abrasion resistance levels, and different densities of stones that must be considered in the long term maintenance of the stone and its wearability.

Take a closer look at natural stone flooring at your local showroom.

## **Glass Tile & Metal Tile Routine Care & Maintenance**

Glass and metallic tile adds a beautiful accent to your design. With the correct care, it will continue to wow for many years. Read below for helpful, step-by-step instructions on how to best care for glass and metal tile.

### **GLASS TILES**

For routine cleaning, use any non-abrasive cleaning product recommended for either glass or tile. **DO NOT** use scouring pads, steel wool, sandpaper or other abrasive products.

### **METALLIC TILE**

To clean, use a liquid non-abrasive household cleaner. Avoid cleaners containing ammonia, bleach, abrasives or other hazardous/polluting compounds. Always test in a small inconspicuous area when using a new cleaner to ensure compatibility with your metallic tile. **DO NOT** use scouring pads, steel wool, sandpaper or other abrasive products.

## Daltile 1-Year Limited Warranty

Daltile warrants that manufactured products will be free from defect for a period of one year from date of purchase. Defect is defined as a shortfall in the product to perform to Daltile specifications as disclosed in product literature, within industry-allowable tolerances as set forth in standard, national industry protocols. **THIS ONE-YEAR EXPRESS WARRANTY IS THE SOLE WARRANTY EXTENDED AND REPLACES ANY STATUTORY WARRANTIES TO THE MAXIMUM EXTENT ALLOWABLE BY LAW.** Customer misuse including negligence, physical, or chemical abuse is not covered by this warranty. Installation defects are not covered by this warranty. All warranty claims must be reported immediately. Failure to report any warranty claim within 30 days of defect discovery will void this warranty. All products must be inspected prior to installation. Visual defects or nonconformities apparent prior to installation voids this warranty.

Tile is subject to variation in technical specifications, including COF, due to inherent variability in the raw materials and production process. Express technical specifications are not guarantees of minimum or maximum thresholds of performance. Tile containing abrasives create a rough surface, creating cleaning challenges because dirt and other contaminants lodge in the surface. Extra attention is necessary to ensure contaminants are removed promptly. Unless specifically stated otherwise, tile recommended for floor or wall applications refers to interior applications only. Daltile does not recommend its products for use on ceilings or roofs. Local building codes may dictate minimum tile performance specifications. Daltile does not warrant product installations that violate building codes. Photographic color images may not be an exact product match. Product samples are representative only. Express color match warranties are only extended to actual product samples.

## Other Daltile Warranties

### Implied Warranties Limited in Duration and Scope

Any implied warranty applicable to the product sale, including the implied warranty of merchantability or the implied warranty of fitness for a particular purpose is limited in duration to the duration of this written warranty or the maximum statutory period, whichever is less. Some states do not allow limitations on implied warranty duration, so the above limitation may not apply to you.

The Federal Magnuson-Moss Warranty Act limits disclaimers of implied warranties involving consumer products. To the maximum extent allowable by federal and state law, this warranty supplements or supersedes federal and state consumer goods warranty protections.

### Implied Warranty of Fitness for a Particular Purpose

Daltile provides detailed information in its product literature with regard to appropriate tile and stone applications. In these specified applications, Daltile limits the duration of the implied warranty of fitness for a particular purpose to one year or the maximum statutory period prescribed by law, whichever is less. Failure to comply with recommended applications voids this warranty.

Natural stone products are mined and cut from natural formations. Because these products are not subject to a manufacturing process, quality warranties are limited to the specified representations in product literature and guidelines established by the Marble Institute of America. Daltile does not

warrant natural stone products for shade, size, thickness, warping, cleft variations, surface finish variations, or other natural variances on stone products.

## Remedy Limitation and Disclaimer

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If a defect in materials or workmanship is discovered within the one-year period, Daltile will either refund the price of the product or provide a replacement product after a reasonable number of attempts to remedy product defects. Buyer's remedy is limited to replacement or repair of the defective product. No consequential (including, but not limited to, lost profits) or incidental damages are recoverable. Daltile disclaims all express warranties not contained in this limited express warranty. Any representations made in connection with the sale of this product that differs from the terms of this warranty are not valid and should be brought to the attention of Daltile immediately (1-800-933-TILE).

Legal Notice: Warning Tile and installation products contain chemicals known to the state of California to cause cancer, birth defects, reproductive harm, respiratory harm or other health problems. For more product-specific information on chemical content, obtain an MSDS at [Daltile.com](http://Daltile.com) or contact Daltile at 1-800-833-TILE.

## To Make a Claim

1. The original purchaser must notify a Daltile Sales Service Center or an authorized representative in writing within 30 days of the occurrence of any defect.
2. After notification, Daltile or an authorized representative will inspect and/or test the product for defect and complete a Product Claim Action form. No claim will be honored without product inspection by Daltile or an authorized representative.
3. Upon determination that the product defect claim is valid, Daltile will notify the purchaser in writing. Daltile reserves the right to repair, replace or refund the originally purchased product, at its sole discretion.

**SECTION      093000**

**TILE**



**SCHWEITZER-WHITE PINE LODGE  
SANDPOINT, IDAHO**

**UNITED TILE  
FLOOR GRES**

- CT 1/CT 9 FLOWTECH COLOR BURNISHED      16X32

Product Information

- Care & Maintenance
- ~~Warranty~~



BATHROOM  
WALL/SHOWER



SECTION 093000

TILE

SCHWEITZER-WHITE PINE LODGE  
SANDPOINT, IDAHO

UNITED TILE  
PORTEBELLO

- |  |       |
|--|-------|
| • CT 5 COLOR ST CROIX ASH                | 12X24 |
| • CT 6 COLOR ST CROIX ASH                | 2X2   |
| • CT 7 COLOR PADDINGTON DECO GREY MATTE  | 4X16  |
| • CT 8 COLOR PADDINGTON FIELD GREY MATTE | 4X16  |

Product Information

- Care & Maintenance
- ~~Warranty~~

# **Ceramic Tile**

## **Routine Care & Maintenance**

### **ROUTINE CARE**

Glazed tile products should be cleaned routinely with an all-purpose, low VOC, household or commercial cleaner. The product chosen should also be grout joint cleaning compatible. The type of product may vary depending on the tile application and use. A multipurpose spray cleaner, which removes soap scum, hard water deposits and mildew designed for everyday use can be used on wall tile areas in residential baths and showers. A cotton mop, cloth, sponge, or non-metallic brush should be used to apply and agitate cleaner. Rinse the area with clean water and dry thoroughly. Routine cleaners should never contain harsh chemicals as these can damage tile. Acids can damage grout and the glazed surface of the tile. Ammonia can discolor grout.

Regular dust mopping, sweeping, or vacuuming is recommended prior to cleaning with liquid products.

Unglazed tile should be cleaned routinely with concentrated tile cleaners with a neutral pH for safe regular use. These cleaners are better suited for removing grease, oils, and normal spills from unglazed products. Again these products will vary depending on the application, amount of traffic and the use. The product chosen should also be compatible with the grout.

### **REMOVAL OF SEALERS, WAXES, FLOOR FINISHES**

Ceramic tile can be sealed if desired. It is recommended that grout be sealed.

If you need to remove a topical sealer or floor wax from a ceramic tile you should use a tile sealer and adhesive remover. Always test a small area first. Apply a liberal amount of undiluted sealer & adhesive remover to a manageable area. Allow it to set without drying until coating or residue softens. Reapply if necessary until sealer softens and can be removed. If necessary, agitate with white nylon scrub pad. Wipe up the residue with a cotton towel or sponge. Rinse thoroughly with clean water. Do not use ceramic sealer removers on natural stone products.

### **GROUT CARE**

Grout is the material used to fill the spaces between the individual tiles. Grout comes in many colors. While color is important to the final finished look of the tile installation, it has little effect on the functionality of the grout. The purpose of grout is, simply, to fill the joint between the tiles and becomes a permanent, integral component of the finished installation. Grout darkens over time, so we recommend that it be sealed regularly to preserve and protect it. Grout can be stained to normalize the color of older grout.

## **GROUT INSTALLATION**

Immediately after tile has been installed and grouted, the new installation should be covered with brown paper to protect it from debris during the remaining construction process. The grout joints should be dampened daily with water using a clean sponge or mop during the first seven days. This procedure facilitates the grout cure and color lock. The paper will allow for two important things: (1) to protect the newly installed tile grout and (2) to allow moisture to escape from the grout as it cures, further protecting the look and utility of the floor. This is an important step in achieving color consistency. Never use plastic or non-absorbent materials to protect freshly installed tile. These types of non-absorbent products will trap moisture, causing the grout to discolor during the curing period. The protective brown paper should remain until construction is complete and the floor is opened for intended (post-construction) use.

Following a curing period of at least 24 hours, grout haze can be removed with plain water or a grout haze remover, which usually contains Sulfamic acid. Sulfamic acid can also be purchased in powder form and mixed with water to different strengths by qualified professionals. Similarly, epoxy grout haze can be removed with an epoxy haze remover. These removers are formulated to safely and quickly remove cured epoxy haze from new tile installations. Their unique formulation will soften most epoxy hazes for easy removal without damaging the grout or tile, usually in one application. Sulfamic acid or grout removers should never be used on natural stone products.

## **PENETRATING/IMPREGNATING SEALER**

Most tile installations use cementitious grouts. This type of grout should be sealed after installation to prevent it from staining. The grout should be sealed with a penetrating/impregnating sealer (often called grout sealers), which does not contain silicone, as silicone can shorten the useful life of the sealer. Epoxy grouts, conversely, are chemically cured and acid resistant, and as a result, do not require a sealer. The application of a good quality penetrating/impregnating sealer into the grout joints of a cementitious grout will not change the natural color of the grout, but will prevent the penetration of moisture, simplify maintenance, and help prevent staining or discoloration. Only the grout needs to be sealed, it is not required for glazed tiles to be sealed. Grout can be sealed 72 hours after installation.

There are different grades of penetrating/impregnating sealers. Be sure you are aware of the life-span of your sealer. You may need to reapply the sealer on an annual basis depending on the sealer quality, traffic patterns, and maintenance routine. Some sealers have multiple year warranties. Refer to the manufacturer warranty, technical & product information for specific details on product installation, useful life, and product applications (including any warnings) before use.

## **GROUT MAINTENANCE**

Neither sealing the grout nor using an epoxy grout will guarantee against surface buildup or discoloration of the grout. Grout needs to be cleaned on a periodic basis to remove any surface buildup. Routine grout cleaning can be done with a daily concentrated household or commercial cleaner depending on the application. When heavy-duty grout cleaning is required, you will need to use a professional strength tile and grout cleaner that can remove grease, soap scum, body oil, mildew stains, algae, and synthetic or acrylic waxes from the grout joints. However, such a product should contain non-polluting chemicals and low VOC levels. This type of product can be purchased from most home centers, or through your local professional floor covering dealer.

## **GROUT COLOR RESTORATION**

When grout has been stained to the point that it cannot be maintained or returned to its natural color, you can return the grout back to its original color or any other color using a grout stain. Grout stains are epoxy-based products that are specifically designed to penetrate the grout and seal the surface with a permanent color. Once the grout has been stained there is no need to seal it any further with a penetrating/impregnating sealer. Prior to staining, the grout joint should be cleaned thoroughly to remove any dirt, oils, grease, or sealers with a professional strength tile and grout cleaner.

## **Porcelain Tile Routine Care & Maintenance**

Porcelain is the champion floor and wall tile that brings flexible style and enduring quality to your home or commercial space. With the minimal care, your porcelain can easily have a decades-long lifespan.

### **ROUTINE CARE AND CLEANING**

Regular, basic cleaning with warm water and mild soap is sufficient to keep floors looking good. You can also use gentle, everyday multipurpose spray cleaner to remove soap scum, hard water

deposits, and mildew. Do not use cleaning products that contain acids or ammonia (and other harsh chemicals) as these can damage grout and glazed surfaces of the tile. Choose products that are compatible with your grout to avoid damage or discoloration of the grout. Always dry your porcelain thoroughly after cleaning.

Unglazed tile should be cleaned routinely with concentrated tile cleaners that have a neutral pH. These cleaners are better suited for removing grease, oils and normal spills from unglazed products.

### **StepWise™ Product Care**

StepWise is a technology infused into tile that makes it 50% more slip resistant than regular tile. Products with StepWise do not require any specialized care. They can be cleaned and maintained as you would any porcelain surface.

### **Preventing Stains and Scratches**

While porcelain is resistant to scratches, etching and stains, these surfaces are not damage proof. Take care to avoid exposing porcelain to permanent inks or dyes, as these might not be removable. If porcelain surfaces are exposed to permanent marker or dye, rinse the area with water as soon as possible then apply approved cleaning product. Rinse and dry thoroughly. Although porcelain is resistant to stains from juice, wine, coffee and other food substances, it is best to wipe up spills immediately to prevent possible stains.

Use cleaning products and implements that are non-abrasive. Additionally, sweep or vacuum tile prior to cleaning to remove dust or debris.

### **Protecting Porcelain Surfaces**

Porcelain does not require sealing; however, it is a good idea to seal grout or any joints. Use a product that is safe for both the tile and the grout.

To remove sealers, waxes and other floor finishes from porcelain tile, use a tile sealer and adhesive remover. Always test a small area first. Apply a liberal amount of undiluted sealer and

adhesive remover in a manageable area. Allow it to sit without drying until sealer residues on the surface soften. Reapply if necessary until sealer softens and can be removed by wiping off with a cotton towel or sponge. If necessary, agitate with a nylon scrub pad. Rinse thoroughly with clean water. Do not use on tile or grout sealers on natural stone products.

## **GROUT CARE**

The purpose of grout is twofold, to fill the joint between the tiles and to provide a space for tile to flex. It decreases breakage of tile and becomes a permanent, integral component of the finished installation. Grout is one of the more difficult parts of maintaining a porcelain tile floor. It tends to capture dirt and darkens over time. It requires more specialized cleaning and maintenance than tile.

### **Installation**

Immediately after tile has been installed and grouted, the new installation should be covered with brown paper (to protect it from debris and allow for moisture evaporation) during any remaining construction. The grout joints should be dampened daily with clear water using a clean sponge or mop during the first seven days. This procedure facilitates the grout cure and helps it retain its color better.

Haze is a film that is left behind on the tile after it has been grouted. This can easily be buffed off the surface after the grout has cured 12-24 hours with a sulfamic acid-based grout haze cleaner. It can be purchased in powder form and mixed with water to the appropriate strength. This type of cleaner breaks down the cementitious grout haze. If your grout is epoxy-based, epoxy haze cleaners are formulated for this different form of grout. Both haze cleaners are safe for grout and tile but should not be used on natural stone.

### **Sealing**

Cementitious grouts should be sealed after installation. A penetrating/impregnating sealer that does not contain silicone is effective in grout's resistance to spills, stains and moisture absorption and can help it retain its original color better and decrease maintenance. Sealers should be reapplied regularly to grout (glazed tile does not need to be sealed). Some sealers will last several years (see product information, and warranties) but frequency will also depend on traffic patterns and maintenance routines. Grout should be sealed 72 hours after installation.

Epoxy grout is chemically cured and doesn't require the sealers that cementitious grouts do. They are naturally resistant to spills, stains and moisture.

## **Cleaning**

Grout needs to be cleaned on a periodic basis to remove any surface buildup. Routine grout cleaning can be done with a daily concentrated household or commercial cleaner depending on the application. When heavy-duty grout cleaning is required, you will need to use a professional strength tile and grout cleaner that is capable of removing grease, soap scum, oils, mildew stains, algae, and synthetic or acrylic waxes from the grout joints. Select a product that does not contain polluting chemicals and is low VOC. This type of product can be purchased from most home centers, or through your local, professional floor covering dealer. You might also consider professional grout cleaning companies.

## **Grout Restoration**

When grout has been stained to the point that it cannot be maintained or returned to its natural color, you can use a "grout stain." Grout stains are epoxy-based products that are specifically designed to penetrate into the grout and seal the surface with a permanent color. Once the grout has been stained there is no need to seal it any further with a penetrating/impregnating sealer. Prior to staining, the grout joint should be cleaned thoroughly to remove any dirt, oils, grease or sealers with a professional strength tile and grout cleaner. This can be purchased from most home centers or through your local professional floor covering dealer.

## **Natural Stone Tile Routine Care & Maintenance**

There's nothing more beautiful than the permanence of natural stone. With the right care and regular maintenance, your stone can last a lifetime.

Read below for helpful instructions and tips on how to best clean and maintain marble, granite, limestone, travertine, and soapstone flooring.

### **ROUTINE CARE**

Natural stone floors should be cleaned with neutral cleaners specifically designed for stone. These cleaners are concentrated pH neutral cleaners that will not affect existing sealers or other types of coatings. Stone cleaners should never contain acid or bleach. Acids, even a light solution of vinegar and water, will etch and eventually damage many varieties of natural stone. A solution of the pH neutral cleaner and water mixed to manufacturer instructions should be applied to the stone surface with a sponge or spray bottle. Allow solution to sit per manufacturer recommended specified amount of time to ensure penetration of the stone. Agitate with a sponge, or soft bristle brush. Remove dirty solution with clean sponge and buff dry. Some textured stones may require a different cleaning method or additional procedures not specified here.

### **HEAVY-DUTY STONE CLEANING**

If stone needs a deep clean, you will need to use a heavy-duty stone cleaner and degreaser to effectively remove dirt, grease, grime, waxes, etc. These cleaning products are concentrated and designed to deep clean the stone without damaging it. Apply the solution per manufacturer instructions to the stone surface with a sponge. Allow to stand for manufacturer-specified amount of time.

Agitate with a sponge or soft bristle brush. Remove dirty solution with a clean sponge and buff dry. Be sure to change out the cleaning solution every 100 square feet to avoid reintroducing dirty water during the cleaning process. Rinse thoroughly with clean water when finished. Make sure to always limit the time liquids sit on any type of natural stone and dry the surface thoroughly.

### **STAIN REMOVAL**

A stone specific poultice can be used to remove stains and grout haze from stone. Poultice is a fine, non-acidic, absorptive clay cleaning powder that removes stains and light cementitious grout haze from polished and unpolished natural stone. Stone poultice efficacy depends on the nature of the stain and how long the stain has been in the stone. Base the selection of the type of poultice on the nature of the stain. If the stain is old or has penetrated the stone deeply, a poultice may not be enough to remove it. Spills should always be cleaned up as soon as possible. Light colored marble and nearly all limestone are subject to staining. Spills on such materials should be cleaned up immediately to prevent staining.

**CAUTION:** Poultice may dull the shine of the polished stone. If this occurs you will need to use a stone polish to restore the natural shine.

## **RESTORATION**

If your natural stone has been damaged or is worn, we recommend that you contact a professional stone restoration company.

## **SEALING**

Sealing is strongly recommended for all stone, especially newly installed marble, granite, and limestone to provide maximum stain protection. Be careful to select a high-quality sealer to protect your natural stone. Please check with your fabricator regarding their standard sealing regimen. Sealing every couple of years (see manufacturer's directions) will ensure your stone continues to look its best.

## **TYPES OF SEALING PRODUCTS**

There are two categories of sealing products: penetrating/impregnating and stone enhancer.

Penetrating/impregnating stone sealers are a no-sheen, natural look sealer that can be water-based or solvent-based, and are good for interior and exterior applications. Most quality sealers of this type are rated to protect the stone for several years. A premium natural look penetrating/impregnating sealer is the standard choice on polished or honed natural stone.

Stone enhancer sealers are also a no-sheen, penetrating/impregnating sealer that is formulated to darken, enrich, and highlight the natural color and beauty of stone products. They will rejuvenate and improve the appearance of worn and weathered stone. However, they will also darken the color of seams and joints. They are, generally, suitable for interior and exterior use, and rated to protect the stone for several years.

Always reference manufacturers' literature for specific information on the duration of the sealer's protection and make sure that the sealer is applied in strict accordance with the manufacturer's instructions.

## **ACID SENSITIVITY**

The use of natural stones in environments where acid exposure is likely requires a proper stone selection to avoid etching. Most notably, the calcium carbonate and calcite-based stones (marble and limestone primarily) will react to relatively mild acids, such as lemon juice, vinegar, and sliced tomatoes. The result is not a stain, which could be removed, but an etching of the stone surface, which cannot be removed without refinishing the stone. In polished finish stones, a mild acid attack will usually manifest itself as a “dull” spot within the surrounding glossy surface.

### **LOT SPECIFIC ISSUES**

Stone tile is a product of nature and is inherently subject to the variability of any product harvested from nature. Select adequate quantities of a product in the beginning of a project as it can be very difficult to buy stone later that matches an initial purchase. We recommend customers purchase a 10% overage.

### **TRANSLUCENCE**

Translucence may occur in some white or very lightly colored marbles and onyxes that have a crystal structure that will transmit light to varying degrees depending upon stone thickness and finish. Translucence can be an aesthetically intriguing, decorative attribute and is not considered a defect.

### **MIXING TYPES OF MATERIALS**

Designs calling for a mixture of stones with different physical properties, while aesthetically interesting, can give rise to problems of wear and maintenance, especially in outdoor applications. Re-polishing will pose problems as well. The customer should be aware that mixing types of stones means there will be different application limitations, abrasion resistance levels, and different densities of stones that must be considered in the long term maintenance of the stone and its wearability.

Take a closer look at natural stone flooring at your local showroom.

## **Glass Tile & Metal Tile Routine Care & Maintenance**

Glass and metallic tile adds a beautiful accent to your design. With the correct care, it will continue to wow for many years. Read below for helpful, step-by-step instructions on how to best care for glass and metal tile.

### **GLASS TILES**

For routine cleaning, use any non-abrasive cleaning product recommended for either glass or tile. **DO NOT** use scouring pads, steel wool, sandpaper or other abrasive products.

### **METALLIC TILE**

To clean, use a liquid non-abrasive household cleaner. Avoid cleaners containing ammonia, bleach, abrasives or other hazardous/polluting compounds. Always test in a small inconspicuous area when using a new cleaner to ensure compatibility with your metallic tile. **DO NOT** use scouring pads, steel wool, sandpaper or other abrasive products.

**SECTION      093000**

**TILE**

**SCHWEITZER-WHITE PINE LODGE  
SANDPOINT, IDAHO**

**SCHLUTER  
COUPLING MEMBRANE**

- DITRA

Product Information

- . ~~Care & Maintenance~~
- . Warranty



## Schluter®-DITRA and Schluter®-DITRA-XL Uncoupling Membrane 10-Year Limited Warranty

**LIMITED WARRANTY COVERAGE:** Subject to the conditions and limitations as stated in this **Schluter®-DITRA and Schluter®-DITRA-XL Uncoupling Membrane 10-Year Limited Warranty** (the “**Limited Warranty**”), Schluter Systems warrants that its Schluter®-DITRA and Schluter®-DITRA-XL uncoupling membranes (the “**Products**”) will be free from manufacturing defects and will perform as described in the Schluter®-DITRA Installation Handbook and Schluter®-Uncoupling Membranes Technical Data Sheet (collectively, the “**Written Materials**”) for a period of ten (10) years from the date of purchase when installed and used in accordance with the terms and conditions of the Written Materials and industry standard guidelines that are not in conflict with the Written Materials in effect at the time of installation.

For the purposes of this Limited Warranty, “**Owner**” is defined as the original end user of the property in which the Products are installed; and “**Floor Covering Assembly**” is defined to include the Products, non-reusable flooring surfaces, and applicable setting and grouting materials.

This Limited Warranty is only applicable to installations in the United States of America and Canada. Schluter Systems is not responsible or liable under any circumstances for determining the suitability of the Products for the Owner's intended purpose. It is the responsibility of the Owner to consult with an experienced and professional installer to ensure the suitability of the Products, subfloor/substrate and all building materials in the installation and that the Written Materials are followed properly.

**RESOLUTION:** If the Products are installed and used in accordance with the terms and conditions as described hereinabove and such Products are proven defective within the applicable warranty term, the Owner's exclusive remedy and the sole obligation of Schluter Systems, at its election, shall be to (a) reinstall or replace the failed portion of the Floor Covering Assembly or (b) pay an amount not to exceed the original square foot cost of the installation of the Floor Covering Assembly verified to be defective. Due to conditions beyond the control of Schluter Systems (e.g., color and shade availability, discontinuation, normal wear and tear), Schluter Systems cannot guarantee or warrant an exact match to the specific tile, stone, or other flooring materials used in the original installation. In such event, substantially similar materials may be substituted.

**EXCLUSIONS FROM COVERAGE:** This Limited Warranty excludes and in no event shall Schluter Systems have any liability for any indirect, special, incidental, punitive, exemplary, or consequential damages, including lost profits, arising out of or otherwise connected to the failure of the Products, regardless of any strict liability or active or passive negligence of Schluter Systems, and regardless of legal theory, whether in contract, tort, extra-contractual or other. This Limited Warranty further excludes any loss or damage arising out of or otherwise connected to: acts of war, terrorism, fire, explosion, natural disaster, acts of God, any failure to comply with the Written Materials, inadequate subfloor/substrate, improper preparation or other failure of subfloor/substrate, faulty or negligent penetration of the Products or subfloor/substrate, intentional acts of destruction, structural failure, misuse of or failure to maintain the Products, normal wear and tear, scratches, dents, corrosion or discoloration (whether caused by excessive heat, chemical cleaning products, abrasive agents or otherwise), efflorescence and shading which are a natural occurrence with cementitious materials and are not considered a defective condition for the purposes of this Limited Warranty, variations of texture, color or shade from those on product samples, packaging materials or other marketing materials, or other causes unrelated to the Products (e.g. excess point loading, overvoltage). This Limited Warranty excludes exterior applications, unless specifically approved in writing on a case by case basis by the Schluter Systems Technical Services Director.

This Limited Warranty is conditioned and will be considered null and void and Schluter Systems will have the right to refuse any claims if: (a) the Products have been improperly stored or installed, or (b) the Products are subject to abusive or abnormal use, lack of maintenance, or used in a manner other than that for which the Products were designed or in any way contrary to the Written Materials

**DISCLAIMER:** There are no warranties beyond this expressed warranty as stated herein. To the extent permitted by law, all other warranties, representations or conditions, expressed or implied, are hereby disclaimed and excluded, including but not limited to the implied warranties of **MERCHANTABILITY** or **FITNESS FOR A PARTICULAR PURPOSE** (as limited to such purposes as described in the Written Materials) or arising from a course of dealing, usage of trade or otherwise by law. ANY IMPLIED WARRANTIES ARISING BY OPERATION OF LAW ARE LIMITED IN DURATION TO THE TERM OF THIS LIMITED WARRANTY. NO REPRESENTATION, PROMISE, AFFIRMATION OR STATEMENT BY ANY EMPLOYEE OR AGENT OF SCHLUTER SYSTEMS WILL BE ENFORCEABLE AGAINST SCHLUTER SYSTEMS UNLESS IT IS SPECIFICALLY INCLUDED IN THIS LIMITED WARRANTY OR AUTHORIZED IN WRITING BY THE SCHLUTER SYSTEMS TECHNICAL SERVICES DIRECTOR. This Limited Warranty is given in lieu of any other warranty, whether expressed or implied. The remedies contained herein are the only remedies available for breach of this Limited Warranty. Schluter Systems excludes and in no event shall have any liability for any indirect, special, incidental, punitive, exemplary, or consequential damages, including lost profits, arising out of or otherwise connected to failure of the Products or Floor Covering Assembly. This Limited Warranty extends only to the Owner and is not transferable or assignable unless authorized by written agreement and signed by the Schluter Systems Technical Services Director or otherwise prohibited by specific state or provincial law. This Limited Warranty gives you specific legal rights; some states and provinces do not allow disclaimers or other restrictions of implied warranties; some of the above disclaimers may not apply to you. **No changes or modifications of any terms or conditions of this Limited Warranty are permitted unless duly authorized in writing by the Schluter Systems Technical Services Director.** This Limited Warranty shall supersede and replace any and all prior oral or written warranties, agreements, or other representations made by or on behalf of Schluter Systems relative to the Products or the application of the Products and shall apply to any installation occurring on or after January 1, 2018. If the Schluter®-DITRA or Schluter®-DITRA-XL uncoupling membrane are used in conjunction with other Schluter products, a different Schluter warranty may apply. For the most current information and materials regarding Schluter Systems warranties and programs, please visit [https://www.schluter.com/schluter-us/en\\_US/downloadfiles](https://www.schluter.com/schluter-us/en_US/downloadfiles).

**MAKING A CLAIM:** To make a claim under this Limited Warranty, the Owner must provide Schluter Systems<sup>2</sup> with written notice within thirty (30) days of any alleged defect in the Products covered by this Limited Warranty, together with date and proof of purchase of such Products and/or all of its components and name and address of all installers and all invoices related to the original installation, failing which this Limited Warranty shall have no legal effect<sup>3</sup>. Schluter Systems reserves the right at its election and as a condition of this Limited Warranty to inspect the alleged failed and/or defective Products.

All U.S. Claims shall be sent to:

All Canadian Claims shall be sent to:

Schluter Systems L.P.  
Attn: Warranty Claims Dept.  
194 Pleasant Ridge Road  
Plattsburgh, NY 12901-5841

Schluter Systems (Canada), Inc.  
Attn: Warranty Claims Dept.  
21100 chemin Ste-Marie  
Ste-Anne-de-Bellevue, QC H9X 3Y8

<sup>1</sup> If there are any conflicting terms between any Written Materials, the most recently updated document shall be deemed to control.

<sup>2</sup> This Limited Warranty is limited to sales of the Products made in and intended for use in the United States and Canada. For the purposes of this Limited Warranty, Schluter Systems L.P. shall offer warranty coverage to Owners located in the United States, and Schluter Systems (Canada) Inc. shall offer warranty coverage to Owners located in Canada.

<sup>3</sup> In the event that Owner fails to provide such required invoices relating to the original installation, Schluter Systems shall pay Owner an amount equal to the average, reasonable costs of a comparable installation. If the parties fail to agree on such amount, such dispute shall promptly, and in the first instance, be submitted: (a) if a U.S. claim, to arbitration in Clinton County, New York, in accordance with the rules of the American Arbitration Association, or (b) if a Canadian claim, in the Province of Quebec, Canada, in accordance with the ADRIC Arbitration Rules. Any outcome of such arbitration proceeding shall be final and binding upon the parties hereto.

**SECTION      093000**

**TILE**

**SCHWEITZER-WHITE PINE LODGE  
SANDPOINT, IDAHO**

**SCHLUTER  
FLOOR PROFILE**

- RENO U

Product Information

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floor covering, but rather up to approx. 1/32" (1 mm) lower.

- Fill the joint completely with grout or setting material.
- Work with materials and tools that will not scratch or damage sensitive surfaces. Setting materials must be removed immediately.

- Fill the joint with elastomeric sealant such as Schluter®-KERDI-FIX or similar. Then insert the vertical leg of RENO-T in the joint so that the lateral crosspiece rests completely on the edges of the surface coverings.
- Remove any excess sealant with a suitable cleaner.

### Maintenance

Schluter® edge-protection and transition profiles require no special maintenance or care and are resistant to mold and fungi. Clean profiles periodically using pH neutral cleaning agents.

**Stainless steel** surfaces exposed to the environment or aggressive substances should be cleaned periodically using a

pH neutral cleaner. Regular cleaning maintains the neat appearance of stainless steel and reduces the risk of corrosion. All cleaning agents must be free of hydrochloric acid, hydrofluoric acid, and chlorides. Stainless steel surfaces develop a sheen when treated with a chrome-polishing agent.

Oxidation films on exposed **solid brass** or **aluminum** can be removed by using a conventional polishing agent, but the film will form again.

In the case of **anodized aluminum**, **color-coated aluminum**, and **chrome-plated solid brass**, do not use abrasive cleaning agents.

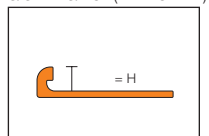
### RENO-T

- Select the profile according to joint width, to ensure proper support of the lateral crosspiece.
- The joint cavity must be at least 3/8" (9 mm) deep and free of debris. Substances that inhibit adhesion must be removed from the sides of the joint.

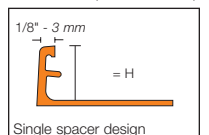
### Product Item Numbers



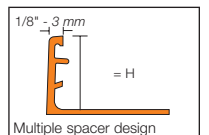
Aluminum, Brass  
3/32" - 3/16" (2 - 4.5 mm)



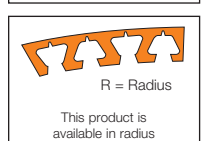
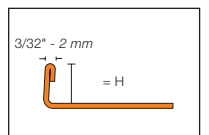
1/4" - 1/2" (6 - 12.5 mm)



17/32" - 1-3/16" (14 - 30 mm)



Stainless steel



#### 1.1 Schluter®-SCHIENE

H = mm - in.	Item No.					
	Stainless steel 316L (1.4404 = V4A) (E/V4A)	Stainless steel 304 (1.4301 = V2A) (E)	Brushed stainless steel 304 (1.4301 = V2A) (EB)	Solid brass (M)	Aluminum (A)	Satin anodized aluminum (AE)
2 - 3/32	-	E 20	-	-	A 20	AE 20
3 - 1/8	-	E 30	-	M 30	A 30	AE 30
4.5 - 3/16	E 45/V4A	E 45	-	M 45	A 45	AE 45
6 - 1/4	E 60/V4A	E 60	E 60 EB	M 60	A 60	AE 60
7 - 9/32	-	E 70	-	-	A 70	AE 70
8 - 5/16	E 80/V4A	E 80	E 80 EB	M 80	A 80	AE 80
9 - 11/32	-	E 90	-	M 90	A 90	AE 90
10 - 3/8	E 100/V4A	E 100	E 100 EB	M 100	A 100	AE 100
11 - 7/16	-	E 110	E 110 EB	M 110	A 110	AE 110
12.5 - 1/2	E 125/V4A	E 125	E 125 EB	M 125	A 125	AE 125
14 - 17/32	-	E 140	-	-	A 140	AE 140
15 - 9/16	E 150/V4A	E 150	-	M 150	A 150	AE 150
16 - 5/8	-	E 160	-	M 160	A 160	AE 160
17.5 - 11/16	E 175/V4A	E 175	-	M 175	A 175	AE 175
20 - 3/4	E 200/V4A	E 200	-	M 200	A 200	AE 200
21 - 13/16	-	-	-	-	A 210	AE 210
22.5 - 7/8	E 225/V4A	E 225	-	M 225	A 225	AE 225
25 - 1	E 250/V4A	E 250	-	M 250	A 250	AE 250
27.5 - 1-1/16	-	-	-	-	A 275	AE 275
30 - 1-3/16	E 300/V4A	E 300	-	M 300	A 300	AE 300

Length supplied: 8' 2-1/2" — 2.5 m

#### 1.1 Schluter®-SCHIENE

Length = 3.05 m - 10'

H = mm - in.	Item No.	
	Stainless steel 304 (1.4301 = V2A) (E)	Satin anodized aluminum (AE)
8 - 5/16	E 80/300	AE 80/300
10 - 3/8	E 100/300	AE 100/300
12.5 - 1/2	E 125/300	AE 125/300

## Schluter® Systems Floor Profiles 5-Year Limited Warranty

**LIMITED WARRANTY COVERAGE:** Subject to the conditions and limitations as stated in this **Schluter® Systems Floor Profiles 5-Year Limited Warranty** (the “**Limited Warranty**”), Schluter Systems warrants that its Schluter®-SCHIENE, Schluter®-JOLLY, Schluter®-RENO-TK, Schluter®-DECO, Schluter®-RENO-U, Schluter®-RENO-T, Schluter®-RENO-RAMP, Schluter®-RENO-RAMP-K, and Schluter®-RENO-V (collectively, the “**Products**”) will be free from manufacturing defects and will perform as described in the Schluter Systems Floor Profiles Technical Data Sheet (collectively, the “**Written Materials**”) for a period of five (5) years from the date of purchase when installed and used in accordance with the terms and conditions of the Written Materials and industry standard guidelines that are not in conflict with the Written Materials in effect at the time of installation.

For the purposes of this Limited Warranty, “**Owner**” is defined as the original end user of the property in which the Products are installed; and “**Tile Assembly**” is defined to include the Products, non-reusable flooring surfaces, and applicable setting and grouting materials.

This Limited Warranty is only applicable to installations in the United States of America and Canada. Schluter Systems is not responsible or liable under any circumstances for determining the suitability of the Products for the Owner's intended purpose. It is the responsibility of the Owner to consult with an experienced and professional installer to ensure the suitability of the Products, subfloor/substrate and all building materials in the installation and that the Written Materials are followed properly.

**RESOLUTION:** If the Products are installed and used in accordance with the terms and conditions as described hereinabove and such Products are proven defective within the applicable warranty term, the Owner's exclusive remedy and the sole obligation of Schluter Systems, at its election, shall be to (a) reinstall or replace the failed portion of the Tile Assembly or (b) pay an amount not to exceed the original square foot cost of the installation of the Tile Assembly verified to be defective. Due to conditions beyond the control of Schluter Systems (e.g., color and shade availability, discontinuation, normal wear and tear), Schluter Systems cannot guarantee or warrant an exact match to the specific tile, stone, or other flooring materials used in the original installation. In such event, substantially similar materials may be substituted.

**EXCLUSIONS FROM COVERAGE:** This Limited Warranty excludes and in no event shall Schluter Systems have any liability for any indirect, special, incidental, punitive, exemplary, or consequential damages, including lost profits, arising out of or otherwise connected to the failure of the Products or Tile Assembly, regardless of any strict liability or active or passive negligence of Schluter Systems, and regardless of legal theory, whether in contract, tort, extra-contractual or other. This Limited Warranty further excludes any loss or damage arising out of or otherwise connected to: acts of war, terrorism, fire, explosion, natural disaster, acts of God, any failure to comply with the Written Materials, inadequate subfloor/substrate, improper preparation or other failure of subfloor/substrate, faulty or negligent penetration of the Products or subfloor/substrate, intentional acts of destruction, structural failure, misuse of or failure to maintain the Products, normal wear and tear, scratches, dents, corrosion or discoloration (whether caused by excessive heat, chemical cleaning products, abrasive agents or otherwise), efflorescence and shading which are a natural occurrence with cementitious materials and are not considered a defective condition for the purposes of this Limited Warranty, variations of texture, color or shade from those on product samples, packaging materials or other marketing materials, or other causes unrelated to the Products (e.g. floor covering failure, excess point loading, overvoltage). This Limited Warranty excludes exterior applications and applications utilizing glass tile or other non-approved floor coverings, unless specifically approved in writing on a case by case basis by the Schluter Systems Technical Services Director.

This Limited Warranty is conditioned and will be considered null and void and Schluter Systems will have the right to refuse any claims if: (a) the Products have been improperly stored or installed, or (b) the Products are subject to abusive or abnormal use, lack of maintenance, or used in a manner other than that for which the Products were designed or in any way contrary to the Written Materials.

**DISCLAIMER:** There are no warranties beyond this expressed warranty as stated herein. To the extent permitted by law, all other warranties, representations or conditions, expressed or implied, are hereby disclaimed and excluded, including but not limited to the implied warranties of **MERCHANTABILITY** or **FITNESS FOR A PARTICULAR PURPOSE** (as limited to such purposes as described in the Written Materials) or arising from a course of dealing, usage of trade or otherwise by law. ANY IMPLIED WARRANTIES ARISING BY OPERATION OF LAW ARE LIMITED IN DURATION TO THE TERM OF THIS LIMITED WARRANTY. NO REPRESENTATION, PROMISE, AFFIRMATION OR STATEMENT BY ANY EMPLOYEE OR AGENT OF SCHLUTER SYSTEMS WILL BE ENFORCEABLE AGAINST SCHLUTER SYSTEMS UNLESS IT IS SPECIFICALLY INCLUDED IN THIS LIMITED WARRANTY OR AUTHORIZED IN WRITING BY THE SCHLUTER SYSTEMS TECHNICAL SERVICES DIRECTOR. This Limited Warranty is given in lieu of any other warranty, whether expressed or implied. The remedies contained herein are the only remedies available for breach of this Limited Warranty. This Limited Warranty extends only to the Owner and is not transferable or assignable unless authorized by written agreement and signed by the Schluter Systems Technical Services Director or otherwise prohibited by specific state or provincial law. This Limited Warranty gives you specific legal rights; some states and provinces do not allow disclaimers or other restrictions of implied warranties; some of the above disclaimers may not apply to you. **No changes or modifications of any terms or conditions of this Limited Warranty are permitted unless duly authorized in writing by the Schluter Systems Technical Services Director.** This Limited Warranty shall supersede and replace any and all prior oral or written warranties, agreements, or other representations made by or on behalf of Schluter Systems relative to the Products or the application of the Products and shall apply to any installation occurring on or after April 8, 2019. If the Products are used in conjunction with other Schluter products, a different Schluter warranty may apply. For the most current information and materials regarding Schluter Systems warranties and programs, please visit [https://www.schluter.com/schluter-us/en\\_US/downloadfiles](https://www.schluter.com/schluter-us/en_US/downloadfiles).

**MAKING A CLAIM:** To make a claim under this Limited Warranty, the Owner must provide Schluter Systems<sup>2</sup> with written notice within thirty (30) days of any alleged defect in the Products covered by this Limited Warranty, together with date and proof of purchase of such Products and/or all of its components and name and address of all installers and all invoices related to the original installation, failing which this Limited Warranty shall have no legal effect<sup>3</sup>. Schluter Systems reserves the right at its election and as a condition of this Limited Warranty to inspect the alleged failed and/or defective Products.

All U.S. Claims shall be sent to:

Schluter Systems L.P.  
Attn: Warranty Claims Dept.  
194 Pleasant Ridge Road  
Plattsburgh, NY 12901-5841

All Canadian Claims shall be sent to:

Schluter Systems (Canada), Inc.  
Attn: Warranty Claims Dept.  
21100 chemin Ste-Marie  
Ste-Anne-de-Bellevue, QC H9X 3Y8

<sup>1</sup> If there are any conflicting terms between any Written Materials, the most recently updated document shall be deemed to control.

<sup>2</sup> This Limited Warranty is limited to sales of the Products made in and intended for use in the United States and Canada. For the purposes of this Limited Warranty, Schluter Systems L.P. shall offer warranty coverage to Owners located in the United States, and Schluter Systems (Canada) Inc. shall offer warranty coverage to Owners located in Canada.

<sup>3</sup> In the event that Owner fails to provide such required invoices relating to the original installation, Schluter Systems shall pay Owner an amount equal to the average, reasonable costs of a comparable installation. If the parties fail to agree on such amount, such dispute shall promptly, and in the first instance, be submitted: (a) if a U.S. claim, to arbitration in Clinton County, New York, in accordance with the rules of the American Arbitration Association, or (b) if a Canadian claim, in the Province of Quebec, Canada, in accordance with the ADRI Arbitration Rules. Any outcome of such arbitration proceeding shall be final and binding upon the parties hereto.



Schluter Systems L.P. • 194 Pleasant Ridge Road, Plattsburgh, NY 12901-5841 • Tel.: 800-472-4588 • Fax: 800-477-9783  
Schluter Systems (Canada) Inc. • 21100 chemin Ste-Marie, Ste-Anne-de-Bellevue, QC H9X 3Y8 • Tel.: 800-667-8746 • Fax: 877-667-2410

[www.schluter.com](http://www.schluter.com)

This technical data sheet is subject to change without notice. Please visit [www.schluter.com](http://www.schluter.com) for the latest version.

**SECTION      093000**

**TILE**

**SCHWEITZER-WHITE PINE LODGE  
SANDPOINT, IDAHO**

**SCHLUTER  
FLOOR PROFILE**

- RENO U

Product Information

- ~~Care & Maintenance~~
- Warranty

## Schluter®-Systems Wall and Countertop Profiles 5-Year Limited Warranty

**COVERAGE AND CONDITIONS:** Subject to the conditions and limitations as stated hereinafter, **Schluter-Systems\*** warrants that **Schluter®-Systems Wall and Countertop Profiles** (the "Products")\*\* will be free from manufacturing defects for a period of five (5) years from the date of purchase and only when the Products are used and installed in accordance with the terms and conditions of the Schluter®-Systems Wall and Countertop Profiles Technical Data Sheet and industry standard guidelines that are not in conflict with the data sheet in effect at the time of installation. It is the responsibility of the owner/builder/installer to ensure the suitability of all building materials and all associated building materials for the owner's intended use. Visual defects or nonconformities apparent prior to installation are not covered by this warranty. Further, this warranty does not cover normal wear and tear or other damage (e.g., scratches, discoloration, fading, etc.) caused by impacts or accidents. It is recommended that the owner consult an experienced and professional installer.

**RESOLUTION:** If the Products fail to meet this warranty, then the owner's exclusive remedy and the sole obligation of Schluter-Systems, at its election, shall be to a) reinstall or replace the failed portion of the tile assembly or b) pay an amount not to exceed the original square foot cost of the installation of the tile assembly verified to be defective. Tile assembly is defined to include all Schluter®-Systems Wall and Countertop Profiles, non-reusable tile surfaces, and the appropriate setting and grouting materials. Further, due to conditions beyond the control of Schluter-Systems (e.g., color and shade availability, discontinuation, normal wear and tear), Schluter-Systems cannot guarantee or warrant an exact match to the specific tile, stone, or other covering materials used in the installation. In such events, substantially similar materials may be substituted.

**DISCLAIMER:** THERE ARE NO WARRANTIES BEYOND THIS EXPRESSED WARRANTY AS STATED ABOVE. ALL OTHER WARRANTIES, REPRESENTATIONS OR CONDITIONS, EXPRESSED OR IMPLIED, ARE DISCLAIMED AND EXCLUDED, INCLUDING WARRANTIES, REPRESENTATIONS OR CONDITIONS OF **MERCHANTABILITY** OR FITNESS FOR A PARTICULAR PURPOSE ARISING BY STATUTE OR OTHERWISE BY LAW OR FROM A COURSE OF DEALING OR USAGE OF TRADE. SCHLUTER-SYSTEMS EXCLUDES AND IN NO EVENT SHALL HAVE ANY LIABILITY FOR LOST PROFITS OR ANY OTHER INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE, EXEMPLARY, OR CONSEQUENTIAL DAMAGES, ARISING OUT OF OR OTHERWISE CONNECTED TO FAILURE OF THE PRODUCTS OR COVERING SYSTEM OF WHICH THEY ARE PART, NOR MISUSE OF THE PRODUCTS OR COVERING SYSTEM, REGARDLESS OF ANY STRICT LIABILITY, ACTIVE OR PASSIVE NEGLIGENCE OF SCHLUTER-SYSTEMS, AND REGARDLESS OF THE LEGAL THEORY (CONTRACT OR TORT OR EXTRA-CONTRACTUAL OR OTHER), NOR FROM ACTS OF WAR, TERRORISM, FAULTY AND NEGLIGENT PENETRATION OF THE SYSTEM, FIRES, EXPLOSIONS, ACTS OF GOD, INTENTIONAL ACTS OF DESTRUCTION OR ANY LOSSES DUE TO STRUCTURAL FAILURE OR OTHER CAUSES UNRELATED TO THE PRODUCTS OR DELAYS, OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES. THIS WARRANTY IS GIVEN IN LIEU OF ANY OTHER WARRANTY EXPRESSED OR IMPLIED. THE REMEDIES CONTAINED HEREIN ARE THE ONLY REMEDIES AVAILABLE FOR BREACH OF THIS WARRANTY. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, SOME STATES AND PROVINCES DO NOT ALLOW DISCLAIMERS OR OTHER RESTRICTIONS OF IMPLIED WARRANTIES SO SOME OF THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

**TRANSFERABILITY:** This Limited Warranty extends ONLY to the original end user (defined as the original intended owner and user of the property/unit in which the installation is incorporated - herein referred to as "Owner") and is not transferable or assignable, unless approved in writing by the Technical Director or an Officer of Schluter-Systems or otherwise prohibited by specific state or provincial law.

**MODIFICATIONS TO WARRANTY:** No changes or modification of any terms or conditions of this warranty are allowed unless authorized by written agreement and signed by the Technical Director or an Officer of Schluter Systems.

**EFFECTIVE DATE:** This warranty shall supersede and replace any and all prior oral or written warranties, agreements, or other such representations made by or on behalf of Schluter-Systems relative to the Products or the application of the Products and shall apply to any installation occurring on or after January 1, 2013.

**CLAIMS ON THIS LIMITED WARRANTY:** To make a claim under this Limited Warranty, the owner must provide Schluter-Systems with written notice within 30 days of any alleged defect in the Products covered by this Limited Warranty, together with date and proof of purchase of the Products, proof of the costs of the original installation and name and address of all installers, failing which this Limited Warranty shall be of no legal effect. Schluter-Systems reserves the right at its election and as a condition of this Limited Warranty to inspect the alleged failed and defective condition.

All U.S. Claims shall be sent to:

All Canadian Claims shall be sent to:

Schluter Systems L.P.  
Attn: Warranty Claims Dept.  
194 Pleasant Ridge Road  
Plattsburgh, NY 12901-5841

Schluter Systems (Canada), Inc.  
Attn: Warranty Claims Dept.  
21100 chemin Ste-Marie  
Ste-Anne-de-Bellevue, QC H9X 3Y8

\*For the purpose of this warranty **Schluter Systems, L.P.** shall provide the warranty for all products for end users located in the United States, and **Schluter Systems (Canada) Inc.** shall provide the warranty for all products for end users located in Canada. This warranty is limited to sales of the Products made in and intended for use in the United States and Canada.

\*\***Schluter®-Systems Wall and Countertop Profiles (the "Products"):** The Products are defined to include all Schluter®-Systems Wall and Countertop profiles referred to in the Schluter®-Systems Wall and Countertop Profiles Data Sheet.



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Schluter Systems (Canada) Inc. • 21100 chemin Ste-Marie, Ste-Anne-de-Bellevue, QC H9X 3Y8 • Tel.: 800-667-8746 • Fax: 877-667-2410

[www.schluter.com](http://www.schluter.com)

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**O & M  
MANUALS**

**SCHWEITZER-WHITE PINE LODGE  
PHASE 2  
SECTION 09 6429 WOOD PLANK FLOOR  
SANDPOINT, IDAHO**

**SECTION      096429**

**WOOD PLANK FLOORING**

**SCHWEITZER-WHITE PINE LODGE  
SANDPOINT, IDAHO**

**KENTWOOD  
GULF COLLECTION**

- VE WDF 1 COLOR BRUSHED OAK MATAGORDA

Product Information

- . Care & Maintenance
- . Warranty



KENTWOOD™

CARE & MAINTENANCE  
PRODUCT WARRANTY

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## CARE & MAINTENANCE GUIDE

### For all Kentwood polyurethane finished floors.

For information on Natural Oil or UV-Cured Oil finished floors, please visit [kentwoodfloors.com](http://kentwoodfloors.com) or consult your Kentwood dealer.

KENTWOOD™ floors are factory-finished with a durable finish designed to provide years of protection and easy care. Some simple care and maintenance procedures will help to keep your

KENTWOOD floor looking its best and help to protect it from unnecessary wear and damage.

- Sweep or vacuum the floor regularly to keep it clean and free of dust, sand and other abrasive materials.
- Place area rugs or doormats at entryways to help prevent sand, grit, oils, dirt and other abrasive or staining materials from being tracked onto the floor surface from outdoors. (Avoid rubber-backed or similarly dense matting materials that may trap moisture between the mat and the floor; choose mats that enable airflow instead.)
- Place protective mats at high-use work areas such as sinks, ranges, service counters and workstations.
- Protect the floor from any exposure to liquids, water and other forms of moisture. Blot up any spilled food, drink or other liquid immediately. Under no circumstances allow liquid to remain on the surface of these floors longer than 30 minutes. Never wet mop the floor when cleaning. Avoid walking on the floor with wet feet or footwear. Damage caused by flooding, broken pipes, wet mopping or any other exposure to liquid or moisture is not covered by the product warranty.
- Ensure that environmental conditions are maintained with a temperature of 60-80°F (15-26°C) and humidity at 30-50% RH at all times. Hardwood flooring reacts to changes in the environment. Excessive heat or dryness can result in gapping or splitting; excessive humidity can result in cupping. Gapping, splitting, cupping or other problems resulting from exposure to improper environmental conditions are not covered by the product warranty.
- If the floor is installed over a radiant heating system, never allow the surface temperature of the floor to exceed 82°F (28°C). Avoid dramatic temperature changes; always adjust the system gradually in 5° increments, to avoid shocking the floor. Where possible, we recommend the use of a data logger to monitor and record temperature and humidity conditions; this provides a record of the environmental conditions and may also help take preventive measures where conditions are outside of recommended levels.

**Note: Kentwood engineered hardwood floors are suitable for installation over compatible in-floor radiant heat systems with the exception of Acacia products: Acacia hardwood is not suitable for use over radiant heat. Installation of an Acacia floor over radiant heat will void the product warranty.**

- Put felt protector pads on the feet of all furniture, display stands, file cabinets and other accessories that will be placed directly onto the floor surface. Inspect regularly for wear and replace as necessary.
- Avoid letting sharp or pointed objects come into contact with the floor surface. Do not walk on the floor with high heeled shoes, sports cleats, or other types of footwear which may damage the finish or cause indentations to the surface.
- Pets' nails will scratch and mark the floor surface. Keep pets' nails trimmed to minimize damage to the surface.

- Do not drag, push or roll appliances, furniture or any heavy object across the floor. Use heavy-duty moving mats, dollies, or other moving aids to protect the floor surface.
- Hardwood flooring will naturally undergo a change in color as it adjusts to the ambient light conditions of the installation environment. The degree of color change varies by species. To ensure a uniform change, it is recommended that you do not place area rugs on the new floor for sixty days after installation. Thereafter, periodic re-arrangement of furniture and area rugs will help ensure that your flooring colors evenly.

## CLEANING

- Sweep or vacuum the floor regularly to keep it free of dust, grit and other abrasive materials.
- Blot up any food, drink or liquid spills immediately.
- For more thorough cleaning, use THERAPY BY KENTWOOD™ Spray Cleanser (available at your dealer). Follow the product instructions.
- Do not use any household cleaners, oils, soaps, waxes or any abrasive materials or scouring agents on the floor.
- Avoid the use of steam-cleaners as this practice will void the warranty.

**Failure to follow these floor care instructions may void this warranty.**

## IMPORTANT NOTE REGARDING OPEN GRAIN CONTAMINATION

Excerpt taken from the National Wood Flooring Association (NWFA) Technical publication No. C200

**Definition:** An accumulation of contaminants in open voids or characters, such as in textured wood, the soft grain/springwood, open knots, splits/checks, etc., on the surface of the installed floor.

**Causes:** Any time drywall work has been scheduled post wood floor installation, the wood floor is susceptible to becoming exposed to drywall dust. Subsequent wetting/damp mopping of the surface will turn the drywall dust into a paste, which can be extremely difficult to remove from the exposed voids or characteristics of the flooring. Silt, salt residue, or other fine dust particles becoming embedded in the exposed voids or characteristics of the unprotected flooring. Paint, flooring adhesive, or other contaminants that have been spilled and subsequently cleaned from the surface, but remains in the exposed voids or characteristics of the flooring.

Open grain contamination is not covered under warranty. However, if it has occurred, please contact the Kentwood Technical Services Team at [techserv@metrofloors.com](mailto:techserv@metrofloors.com) and we will endeavor to help find a solution in correcting the problem.

## PRODUCT WARRANTY

This warranty applies to the original purchaser and the original site of installation only. The conditions and terms of this warranty are as stated herein and may not be altered by any dealer, installer, agent or distributor of KENTWOOD flooring.

### MANUFACTURING WARRANTY

KENTWOOD warrants that KENTWOOD flooring shall not contain manufacturing defects in excess of industry standards (5% of total flooring quantity). If manufacturing defects are present in excess of industry standards, the defective pieces should be returned to the original place of purchase PRIOR TO INSTALLATION. If KENTWOOD deems the flooring to be defective, KENTWOOD will replace it with an equivalent quantity of the same or similar product at no charge to the customer. If KENTWOOD is unable to furnish an equivalent replacement product, KENTWOOD may, at its sole discretion, elect to refund to the customer a portion of the original purchase price equivalent to the value of the defective portion of the floor. Under no circumstances will the value of a warranty claim exceed the original purchase price of the product. IT IS THE RESPONSIBILITY OF THE CUSTOMER TO INSPECT ALL PIECES OF FLOORING FOR DEFECTS PRIOR TO INSTALLATION. FLOORING THAT HAS BEEN INSTALLED WILL BE DEEMED TO HAVE BEEN ACCEPTED BY THE CUSTOMER AND WILL NOT BE ELIGIBLE FOR REPLACEMENT.

KENTWOOD accepts no responsibility for labor costs incurred to remove or install products. Wood, cork and bamboo are natural products with naturally-occurring imperfections and variations in color, grain and appearance. Actual flooring products may differ in color, grain and appearance from illustrations and samples, and variations in color, grain and appearance will exist in any quantity of the flooring itself. These are not considered defects.

### FINISH WARRANTY

When installed in a residential application, KENTWOOD warrants that the polyurethane factory finish on KENTWOOD floors will not wear through under normal residential traffic conditions and use for a period of:

- 50 years from the date of purchase for products in the COUTURE COLLECTION BY KENTWOOD™
- 35 years from the date of purchase for all other Kentwood product collections.

When installed in a light commercial application, KENTWOOD warrants that the polyurethane factory finish on KENTWOOD floors will not wear through for a period of 3 years from the date of purchase under light commercial conditions and use. Light commercial applications include salons, professional business offices and reception areas, light retail or specialty stores and boutiques. KENTWOOD floors are not recommended for food and beverage service operations, or heavy-duty retail stores (eg: food, drug and hardware stores); use in such applications will not be covered by this warranty.

**Note: These finish warranties do not apply to KENTWOOD products with a Natural Oil or UV-Cured Oil finish.**

If wear-through does occur within the warranty period, KENTWOOD will, at its sole discretion, either repair the affected portion of the floor or replace it with an equivalent quantity of the same or similar product at no charge to the customer. If KENTWOOD is unable to repair the product or is unable to furnish an equivalent replacement product, KENTWOOD may, at its sole discretion, elect to refund to the customer a portion of the original purchase price equivalent to the value of the affected portion of the floor. This is the sole remedy provided by this warranty. Any other incidental or consequential damages or costs incurred by the customer as a result of the imperfect piece of flooring, including any labor costs incurred to remove and re-install affected portions of flooring, will not be covered by this warranty.

To be eligible for a warranty claim, the wear-through must be evident and visible in more than 10% of the total floor surface. Isolated areas of surface wear in high traffic areas (doorways, hallways, service counters, workstations, etc) are not considered normal wear-through and are not covered by this warranty.

Gloss reduction is not considered surface wear.

Scratches, indentations, marks, stains or other damage caused by negligence or accidental exposure to pebbles, grit, sand or other abrasives, pets, insects, high heeled or cleated shoes, fire, product spills, excessive moisture, heat or dryness are not considered normal wear and are not covered by this warranty.

**There are no other express or limited warranties except as set forth above.**

#### **WARRANTY EXCLUSIONS AND CONDITIONS**

Naturally-occurring imperfections and variations in color, grain and appearance are inherent to the nature of the product and are not considered defects.

The color of wood is affected by natural light, and many styles of KENTWOOD floors will change color after installation. Color change is not considered a defect.

New or replacement hardwood flooring may not match display samples, existing flooring, or other products and furnishings in your home.

Installation must be performed in accordance with the installation instructions included with the product and in accordance with local building codes. KENTWOOD floors are for indoor residential use only.

Environmental conditions must be maintained as specified, with a temperature of 60-80°F (15-26°C) and humidity at 30-50% RH at all times. Exposure to higher or lower levels of heat and/or humidity may result in expansion and/or contraction of the floor boards resulting in separation between joints, cupping or splitting of boards, or other problems. Problems resulting from exposure to levels of heat and/or humidity other than those specified herein are not covered by this warranty.

Care and maintenance must be carried out in accordance with manufacturer's instructions.

These warranties are not transferable. No installer, retailer, distributor or agent of KENTWOOD flooring has the authority to alter the terms or conditions of these warranties.

These warranties provide no express or implied coverage against:

- Scratches, indentations, marks, stains or other damage caused by negligent or accidental exposure to pebbles, grit, sand or other abrasives, pets, insects, high heeled or cleated shoes, fire, product spills, excessive moisture, heat or dryness
- Changes in color due to exposure to light; variations in color, tone, grain patterns and other naturally occurring characteristics of wood
- Problems arising from failure to follow manufacturer's written installation, care and maintenance instructions.
- Expansion and contraction between boards or any other problems arising from exposure to improper heat and humidity levels
- Damage due to exposure to excessive moisture from any cause or source, including but not limited to flooding, spills, excessive mopping or any standing liquid left longer than 30 minutes on the floor surface.

The foregoing is the complete and exclusive statement of the express warranties provided herein and is in lieu of all the other express and / or statutory warranties by the manufacturer, to the extent provided by law. KENTWOOD assumes no liability for incidental or consequential damages arising from the use or non-use of the product. However, some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights that vary from state to state or province to province. The sole remedy provided by this warranty is the repair of imperfect products or replacement of imperfect products with an equivalent quantity of the same or similar product. If KENTWOOD is unable to repair the product or is unable to furnish an equivalent replacement product, KENTWOOD may, at its sole discretion, elect to refund to the customer a portion of the original purchase price equivalent to the value of the affected portion of the floor. This warranty does not cover any labor costs incurred to remove or re-install products. Under no circumstances will the value of a warranty claim exceed the original purchase price of the product.

## CLAIM PROCEDURE

Claims must be submitted in writing to the KENTWOOD dealer where the product was purchased. Please include a copy of the original sales receipt and a photograph showing the cause of claim.

# Product Care & Maintenance



C A M B R I A®

**Maintaining Cambria® Product is easy. Simply wash with a soft cotton cloth and warm water; use a mild soap if desired.**

Do not expose, in use or otherwise, Cambria Product to abrasive, strong alkaline, acid, free radicals, oxidizers or cleaners of the like (whether high, neutral, or low pH). Various chemicals are corrosive and/or erosive in their ability to attack any surface, including Cambria Product. Be very aware of these potential damages to its surface.

Cambria is not heat proof, chemical proof, or fracture proof in any form. Be aware of damaging exposure to these potentially damaging acts.

Do not use or expose Cambria Product to certain cleaning products, including, but not limited to, bleach, oven cleaners, Comet®, Soft Scrub®, S.O.S.® pads, products with pumice, batteries, paint removers, furniture strippers, tarnish or silver cleaners, or the like. Do not use abrasive or harsh scrub pads. Do not apply any sealers, penetrants or topical treatments to Cambria Product under any circumstances. Such products will wear off and cause the gloss to appear dull or inconsistent. Contact Cambria for further information by calling 1-866-CAMBRIA or visiting our website at [CambriaUSA.com](http://CambriaUSA.com).

1. Cambria Product is created from pure natural quartz stone. Variation in natural quartz stone color, pattern, size, shape, and shade are unique and inherent characteristics of this product.
2. Color blotches are intentionally included in many designs to enhance the Product's natural beauty. Samples are small select cuts from a larger slab and may not fully exhibit all the design characteristics of the final installed product. These variations do not affect performance and do not qualify for product replacement.
3. Cambria is durable and resistant to surface damage. However, all stone can be damaged by force and no stone is chip proof. Objects hitting edges, particularly at sinks or dishwashers, may cause chips. Though a minor knife slip will dull the knife and not harm Cambria Product, no stone surface is scratch proof. Surface markings are more visible on monotone designs than multi-colored design surfaces.
4. Cambria Product is not a seamless product; seams are visible. Where there are seams changes in the product pattern and shade will be visible.
5. Natural stone surfaces can be damaged by sudden and/or rapid change of temperature, especially near the edges, as well as direct and/or sustained heating of the top. Cambria Product may not withstand the direct transfer of heat from pots and pans and other cooking units such as electric frying pans and griddles, slow cookers, roaster ovens, and heat lamps. Therefore, the use of a closed-weave hot pad or solid trivet, like a bread board, is always recommended to prevent heating the product.
6. Cambria Product is not a structural support material and must be supported in every application. 2cm and 3cm thicknesses are for countertops and other horizontal surfaces; 1cm thickness is for vertical surface finishes such as walls, tub and shower surrounds.
7. Cambria Matte™ finish will show surface markings caused during normal use, which are easily removed with an all-purpose cleaner such as concentrated Simple Green® cleaner. Semi-polished and Cambria Matte™ finishes do not shine, and may soil and/or appear to stain from soiling, especially when used in heavy traffic areas such as flooring.
8. Installation of Cambria Product requires walls and cabinets to be properly prepared for installation, which includes, but is not limited to, structurally sound, straight, level and square walls and cabinets. Lack of proper preparation may cause poor installation and poor seam fit or inconsistent countertop overhang and placement.

Thank you for your purchase of Cambria.

# TRANSFERABLE FULL LIFETIME WARRANTY

## United States and Canada



Cambria Company LLC, a Minnesota limited liability company ("**Cambria**"), provides this transferable Full Lifetime Warranty ("**Warranty**") to each owner ("**You**") of installed Cambria surface product ("**Product**") during the Warranty Period (as defined below), subject to the terms and conditions of this Warranty.

**THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE OR BETWEEN PROVINCES AND TERRITORIES.**

**TO THE EXTENT PERMITTED BY LAW, THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT, AND CAMBRIA HEREBY DISCLAIMS ALL OTHER WARRANTIES.** Some states or provinces/territories do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to You.

**THE REMEDIES DESCRIBED BELOW ARE YOUR SOLE AND EXCLUSIVE REMEDIES AND CAMBRIA'S ENTIRE LIABILITY UNDER THIS WARRANTY. IN NO EVENT SHALL CAMBRIA BE LIABLE UNDER ANY LEGAL THEORY FOR ANY DIRECT, INDIRECT, SPECIAL, EXEMPLARY, INCIDENTAL, PUNITIVE, CONSEQUENTIAL OR OTHER DAMAGES, INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION OR ANY OTHER LOSS, EVEN IF CAMBRIA HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.** Some states or provinces/territories do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to You.

### Who may use this warranty.

Cambria provides this Warranty to You as the owner of the Product if it was purchased and installed in the United States or Canada after September 1, 2018. This Warranty commences upon the original installation of the Product and continues for the lifetime of the Product until the Product is removed, replaced, altered or subjected to excluded damage (the "**Warranty Period**"). This Warranty shall automatically transfer to subsequent owners of the Product during the Warranty Period.

### What is covered by this warranty.

Cambria warrants the Product against manufacturing defects for the Warranty Period subject to the terms and conditions of this Warranty. This Warranty shall apply only when the Product is properly fabricated and installed for the interior use of residential, commercial or marine applications by Cambria-approved installers and fabricators.

### What is not covered by this warranty.

This Warranty does not apply to Product that has been removed, replaced or altered after its original installation, or Product subjected to damage due to mishandling, abnormal use, misuse, physical abuse, chemical exposure, direct or sustained heat or cold, including sudden or rapid changes in temperature or thermal shock, exposure to chemicals, outdoor installation or partially exposed outdoor installations, excessive pressure, force or loading applied from a person, utensil or object, including, but not limited to, cracks and/or chips resulting therefrom. In addition, improper, insufficient or poorly designed support, cabinets, structures, substrate or sub-floors for, on, near or under the Product are not covered by this Warranty. For the avoidance of doubt, if Cambria performs or causes to be performed any repair work on the Product, such repair work is not an admission or an agreement that the particular damage or issue is covered by this Warranty.

Your Product will not be covered by this Warranty if it is sold by unauthorized resellers or if it is sold by authorized resellers selling outside their authorized territory. To confirm whether a retailer is approved, please visit [CambriaUSA.com](http://CambriaUSA.com), [CambriaCanada.com](http://CambriaCanada.com) or call 1-866-CAMBRIA (1-866-226-2742). This Warranty does not cover the quality of the fabrication or installation or damage or defects caused by fabrication or installation. Fabrication or installation issues must be resolved directly with the point of purchase, fabricator, or installer and are Your responsibility.

### Example uses of product not covered by this warranty.

The following list includes, without limitation, examples of unintended uses of the Product which are not covered by this Warranty: Product installed in entry-ways subject to traffic flow from the outdoors; Product installed outdoors, whether in partially covered or otherwise sheltered areas or not; Product installed in areas exposed to saltwater; Product installed for shower trays or shower pans, steam showers, steam rooms, or saunas.

# TRANSFERABLE FULL LIFETIME WARRANTY

United States and Canada



## Important restrictions on this warranty.

For this Warranty to apply, the Product must be used only for its intended purpose, and must be maintained in accordance with Cambria's Product Care and Maintenance Information which can be found at [CambriaUSA.com/Care](http://CambriaUSA.com/Care) or [CambriaCanada.com/Care](http://CambriaCanada.com/Care), and which will be made available in hard copy form upon request and at no charge by submitting a request to the Cambria phone number or mailing address set forth below. This Warranty shall be null and void if You have not paid for the Product in full. Various laws and building and safety codes govern the design, engineering and construction of buildings and installations within them; these codes vary widely. Cambria assumes no responsibility or obligation with respect to compliance with such codes related to the selection, installation, design, engineering, or construction of the installation site for the Product.

**ALL WARRANTY CLAIMS MUST BE RECEIVED BY CAMBRIA WITHIN THIRTY (30) DAYS AFTER YOU LEARN OF THE FACTS UPON WHICH THE WARRANTY CLAIM IS BASED, OR SUCH WARRANTY CLAIM SHALL BE DEEMED WAIVED.**

## Your responsibilities.

Although the Product is carefully inspected prior to shipping and delivery, it is Your responsibility to thoroughly inspect the Product when You receive it. The final inspection and approval of the Product, including after installation, is Your sole responsibility.

## What are your remedies under this warranty.

With respect to any Product with a manufacturing defect covered by this Warranty, Cambria will, in Cambria's discretion, either (a) repair or replace such Product at no additional charge to You, or (b) refund the purchase price for such Product if Cambria is unable to provide replacement and repair is not commercially practicable or cannot be timely made, or if You are willing to accept a refund. If Cambria elects (a), and is unable to remedy the manufacturing defect after a reasonable number of attempts, You may elect either a refund or a replacement without charge. As a condition to a refund or replacement, Cambria may require that such Product be made available to Cambria free and clear of liens or other encumbrances.

## Modification of warranty.

**NO REPRESENTATIVE, DEALER, EMPLOYEE, INSTALLER, OR ANY OTHER PERSON IS AUTHORIZED TO MODIFY OR CHANGE THIS WARRANTY OR MAKE ANY OTHER WARRANTY, REPRESENTATION OR PROMISE ON BEHALF OF CAMBRIA WITH RESPECT TO THE PRODUCT. NO TERM OR CONDITION OTHER THAN THOSE IN THIS WARRANTY AND NO AGREEMENT OR UNDERSTANDING, WHETHER ORAL OR WRITTEN, IN ANY WAY PURPORTING TO MODIFY OR CHANGE THIS WARRANTY SHALL BE BINDING UPON CAMBRIA, UNLESS MADE IN WRITING AND SIGNED BY THE PRESIDENT AND CHIEF EXECUTIVE OFFICER OF CAMBRIA, MARTIN E. DAVIS.**

## How to obtain warranty service.

To make a claim or obtain service under this Warranty, You must call Cambria Customer Care at 1-866-CAMBRIA (1-866-226-2742) or submit Your claim in writing to Cambria Company LLC, Attn: Warranty Services, 805 Enterprise Drive East, Suite 805A, Belle Plaine, Minnesota 56011.

Please include the following information:

1. Your name, address and telephone number;
2. Description of the Product for which the claim is made, including the design and thickness of the Product;
3. Date of purchase or date of installation, whichever is earlier;
4. Name of retailer, installer or fabricator from whom You purchased the Product; and
5. A description of the claim.

In order for Cambria to respond under this Warranty, Cambria's authorized agents must be permitted sufficient time and opportunity to inspect the Product and evaluate and respond to Your claim.

## Registration.

To register Your Product, please complete the Product Registration Form at [CambriaUSA.com/Warranty](http://CambriaUSA.com/Warranty) (for Product purchased in the United States), [CambriaCanada.com/Warranty](http://CambriaCanada.com/Warranty) (for Product purchased in Canada) or by calling 1-866-CAMBRIA (1-866-226-2742). Failure to complete this registration form will not diminish Your warranty rights.

**THANK YOU FOR YOUR PURCHASE OF CAMBRIA.**



# OPERATIONS & MAINTENANCE MANUAL

## White Pines Lodge Addition 2021

10000 Schweitzer Mountain Road | Sandpoint, ID 83864

**Division:** Thermal & Moisture Protection

**Vendor:** Specialty Insulation  
2626 E. Trent  
Spokane, WA 99202  
(509) 535-1313

**Description:** 07-2100 Building Insulation

**SECTION      096816**

**CARPETING**

**SCHWEITZER-WHITE PINE LODGE  
SANDPOINT, IDAHO**

**SHAW  
LOVT CC69B FINE STRUCTURE**

- VE COLOR 743 SANDSTONE

Product Information

- . Care & Maintenance
- . Warranty

**Carpet Maintenance Checklist****1. IDENTIFY AND ADDRESS ALL SOURCES OF SOILING**

- Parking lots/ Entrances: By maintaining a clean exterior, dirt coming in the building will be minimized.
- Transition areas (hard surface to carpet): Clean frequently to prevent soil from tracking to carpet.
- Food service areas/Restrooms/Water coolers: Matting may be required in areas where moisture, oil and grease are present.

**2. USE ENTRY MATS (KEEP DIRT OUTSIDE)**

- Two mat categories
  - Soil Removal — used at exterior entrances to remove soil from shoes
  - Absorbent mats — used inside to prevent moisture from getting on the carpet
- Mats should cover at least 6 footsteps to capture soil transferring from shoes. Additional matting may be necessary during inclement weather.
- Keep mats clean (mats must be properly placed throughout the facility and maintained on a regular basis).

**3. VACUUM (THE MOST IMPORTANT PROCESS IN YOUR MAINTENANCE PROGRAM)**

- 80 to 85 % of dry soil can be removed by proper vacuuming.
- Select Vacuum cleaners certified in the Carpet and Rug Institute's Seal of Approval (SOA) / Green Label Vacuum Cleaner Program ([www.carpet-rug.org](http://www.carpet-rug.org))
- Commercial, dual—motor upright, top—loading vacuums are recommended.
- Maintain working condition of vacuums with special attention to the bag (empty when half full).

**4. PROMPTLY ADDRESS SPOTS AND SPILLS**

- Use General Soil Spot Removers, like Shaw's TOTALCARE® products for most common spots and spills. (For ordering information call 1.800.257.7429 or contact your representative.) Additional cleaning agents are listed in the Carpet and Rug Institute's Seal of Approval (SOA) Program ([www.carpet-rug.org](http://www.carpet-rug.org))
- Use solvent spotters for oil/grease (petroleum—based spots). Solvent gels preferred. Follow manufacturer's recommendations when using solvents. Rinsing may be necessary.
- Use specialty products ([www.proschoice.com](http://www.proschoice.com)) for set stains where color has been added or altered.
  - CTI Pro's Choice Red Relief (acid dye stains — colored soft drinks, medicines. etc.)

CTI Pro's Choice Stain Magic (organic dye stains — coffee, tea, mustard, etc.)

- Some disinfectants contain chemicals that can stain, discolor and cause general harm to your flooring product. Quaternary Ammonium Salts are among those that have been found to be harmful to your flooring when used over time. Take care to choose pH neutral products only.

## 5. USE INTERIM SYSTEMS TO MANAGE APPEARANCE

- Encapsulation — process using CRI SOA cleaning agents and a dual—cylindrical counter—rotating brush machine for agitation.
  - Always pre—vacuum.
  - Hot water extraction recommended after every third (3rd) encapsulation.
- Walk Behind Extractors — use CRI approved cleaning agents, be sure to operate at lowest speed.
- NOTE: Bonnet cleaning is NOT recommended!

## 6. FOLLOW DEEP CLEANING PROCESS

- Hot Water Extraction Process:
  - Always pre—vacuum.
  - Apply an approved pre—spray cleaning agent in the CRI (SOA) Program.
  - Agitate with mechanical brush and allow 10 minutes dwell time.
  - Extract with hot water or use a low pH rinse agent in the machine. We recommend CRI Gold Rated Equipment.
- Examples of Equipment:
  - Truck mount units maintain higher pressure and temperature
  - High Flow Extractors
  - Portable box and wand — minimum 200 psi and approximately 1 gallon of water flow per minute.
- To prevent wicking use air movers to expedite drying. Be sure facility HVAC is on during cleaning and remains on for at least 12 hours afterward.

## 7. RESOURCES

- Shaw’s Technical Support web—based training program is available at [https://www.youtube.com/watch?v=wH-y6NbFUos&list=PLPIvybF4GS2XOHTVtGL\\_soZZ\\_Ni0hyr9D](https://www.youtube.com/watch?v=wH-y6NbFUos&list=PLPIvybF4GS2XOHTVtGL_soZZ_Ni0hyr9D)
- For Technical assistance or maintenance related questions contact Shaw Contract at 1.800.257.7429.

## SUGGESTED FREQUENCY CHART FOR COMMERCIAL CARPET CARE

Traffic Level	Vacuum	Spot Removal	Interim Cleaning	Hot Water Extraction
Light <ul style="list-style-type: none"> <li>• Private offices</li> <li>• Cubicles</li> </ul>	2+ times per week	As needed	As needed	1 time per year

<b>Moderate</b> <ul style="list-style-type: none"> <li>• Shared offices</li> <li>• Secondary hallways</li> <li>• Conference rooms</li> <li>• Classrooms</li> </ul>	1 time per day	As needed	As needed	2 times per year
<b>Heavy</b> <ul style="list-style-type: none"> <li>• Common entrances</li> <li>• Elevators</li> <li>• Main hallways</li> <li>• Break rooms</li> <li>• Work rooms</li> <li>• Mail rooms</li> <li>• Patient rooms</li> <li>• Waiting areas</li> </ul>	1+ times per day	As needed	Monthly	4 times per year
<b>Extra Heavy</b> <ul style="list-style-type: none"> <li>• Common entrances in severe climates</li> <li>• Cafeterias/food service areas</li> <li>• Extra heavy traffic</li> </ul>	1+ times per day	As needed	Weekly	Monthly

- This chart represents a general guideline; your program should be customized to your specific conditions.
- Extra heavy traffic and soiling conditions require more frequent attention.
- **NOTE:** Use of a pile lifter may be a consideration. Pile lifting helps restore the surface pile yarns and helps remove embedded dry sand and soil.

**Broadloom Lifetime Commercial Limited Warranty**

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Shaw Industries, Inc. ("Company") warrants this EcoWorx® broadloom, Ultraloc®, Ultraloc® Pattern, StaLok®, broadloom products with non-solution-dyed yarn (such as skein dye, beck dye, space dye or a combination of non-solution-dyed yarns) when used in the proper fit-for-use indoor commercial applications. The warranty belongs to you, the original end-use purchaser, and begins when you purchase the carpet and extends for the limited warranty period stated above and for the original installation. The warranty is further limited to the period of time the carpet is owned and maintained by the original end-use purchaser. The basis of any warranty-related claim is the original Company or authorized dealer invoice.

The carpet must be installed in accordance with the Company's installation guidelines and specifications. The product must be maintained in accordance with the Company's cleaning and maintenance guidelines and such product care must continue throughout the duration of the original installation. Damage resulting from a failure to follow installation and cleaning/maintenance guidelines will not be covered under this warranty. Installation and carpet care guidelines are available through your dealer, the website, or from a service representative at the phone number below.

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**WHAT THE WARRANTY COVERS**

Under normal commercial use during the warranty period, when installed and maintained as recommended, the Company warrants the following:

- **Abrasive Wear** – This carpet will lose no more than 10% of the pile face fiber, by weight. This warranty does not cover appearance retention, matting and crushing and normal appearance changes.
- **Static Protection** – This carpet will not generate static build-up in excess of 3.5 kV, during the warranty period as tested by AATCC Test Method 134.
- **Tuftbind/Zippering** – This backing system will provide superior tuft bind strengths consistent with accepted industries standards for this types of backing.
- **Delamination** – This backing will not delaminate from the face carpet.
- **Edge Ravel** – This carpet will not edge ravel when seams are properly sealed according to installation guidelines.
- **Pattern Matching of Seams** – This backing will allow pattern matching within acceptable industry standards, regardless of pattern repeat size, when installed with seam sealer in accordance with installation guidelines.

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**WHAT CONDITIONS APPLY?**

- For jobsite and floor preparation conditions, see product-specific installation guidelines.
- The Company requires seam sealer, properly applied per the Company's commercial installation guidelines, to minimize or prevent yarn from raveling and fraying at the seams.

- Any moisture-related testing (calcium chloride, relative humidity and pH) is not the responsibility of the Company and all issues related to moisture, including any carpet-related issues, are excluded from this warranty.
- Chair pads are recommended under roller caster chairs to inhibit premature wear of the surface of the carpet.
- Replacement carpet will come only from current running-line products comparable to the warranted product.

This warranty does not cover the following:

- Carpet installed on stairs or in areas subject to abnormal foot-traffic use (i.e. golf spikes, other spiked footwear, ski boots, and the like).
- Damage from flooding or excessive moisture from existing moisture or alkalinity related issues.
- Burns, cuts, fading, matting, pills, pulls, odor, soiling, staining, tears or damage due to improper installation.
- General soiling, discoloration, appearance change due to pile distortion, and exposure to substances or contaminants which degrade or destroy yarn or the color of the carpet.
- Carpet which has been surface treated with materials not recommended by the Company or which have been subjected to abnormal use or to cleaning agents or maintenance methods not recommended or approved by the Company.

## WHAT IF YOU NEED WARRANTY SERVICES

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You, the original purchaser, will contact your authorized dealer or Company sales representative for claim service. Please provide a valid proof of purchase and a detailed description of the issue, along with photographs showing the concern. Samples should be submitted for review/testing when available. The dealer or Company sales representative will file a claim via [www.ShawNow.com](http://www.ShawNow.com) and submit the information you provided. A Company claims representative will thoroughly evaluate your claim. If you have questions, you can contact Shaw Industries Financial Services, PO Box 2128, Dalton, GA 30722, 1-800-257-7429.

## WHAT WE WILL DO

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If we find a defect covered under this warranty, we will repair the affected area to conform to the warranty. If repair is not commercially practical, the Company may, at its sole option, replace the affected carpet or refund the proportional purchase price for the affected area. The Company will pay the reasonable costs for product, freight and labor for claims filed within the first 15 years. After 15 years, the Company will pay only for product. Any costs incurred for moving equipment, furnishings, partitions and the like that were installed over the Company's commercial product will be at the customer's expense.

**NOTE: The warranty is not transferable. It extends only to the original end use purchaser. Shaw Industries**

Inc. does not grant to any person or entity the authority to create for it any obligation or liability in connection with this product. Shaw Industries Inc. shall not be liable to the consumer or any other person or entity for any incidental, special or consequential damages, arising out of breach of this limited warranty or any implied limited warranty (excluding merchantability).

All implied warranties, including an implied warranty of merchantability or fitness for a particular purpose, are hereby limited to the duration of this limited warranty. Some states do not allow the exclusion or limitation of implied warranties or the limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to the purchaser. This warranty gives the purchaser specific legal rights, such rights may vary from State to State.

## Recommended Cleaning and Maintenance Instructions for Glass Products

The implementation of proper glass cleaning methods and maintenance procedures are critical in reducing the likelihood of glass damage during the cleaning process. This document provides cleaning and maintenance instructions recommended by Hartung Glass Industries (HGI) for use with its Architectural Glass, Laminated Glass, Spandrel Glass, Decorative Silkscreened Glass, HD Glass, Flat Glass Mirror, and Shower and Bath Enclosure Glass products.

### Architectural Glass Product Cleaning Guidelines

The National Glass Association (NGA) has a published informational bulletin titled, "Proper Procedures for Cleaning Architectural Glass Products" that outlines a set of recommended cleaning guidelines for glass products used in both commercial and residential applications. The recommendations featured in this technical bulletin are listed in the below table:

Things To Do	Things Not To Do
<p><b>DO</b> clean glass when dirt and residue appear</p> <p><b>DO</b> determine if coated glass surfaces are exposed</p> <p><b>DO</b> exercise special care when cleaning coated glass surfaces</p> <p><b>DO</b> avoid cleaning tinted and coated glass surfaces in direct sunlight</p> <p><b>DO</b> start cleaning at the top of the building and continue to lower levels</p> <p><b>DO</b> soak the glass surface with a clean water and soap solution to loosen dirt and debris</p> <p><b>DO</b> use a mild, non-abrasive commercial window cleaning solution</p> <p><b>DO</b> use a squeegee to remove all of the cleaning solution</p> <p><b>DO</b> dry all cleaning solution from window gaskets, sealants and frames</p> <p><b>DO</b> clean one small window and check to see if procedures have caused any damage</p> <p><b>DO</b> be aware of and follow the glass supplier's specific cleaning recommendations</p> <p><b>DO</b> caution other trades against allowing other materials to contact the glass</p> <p><b>DO</b> watch for and prevent conditions that can damage the glass</p> <p><b>DO</b> read the entire GANA bulletin on glass cleaning before starting to clean glass</p>	<p><b>DO NOT</b> start cleaning without reading the entire GANA bulletin on glass cleaning</p> <p><b>DO NOT</b> use scrapers of any size or type for cleaning glass</p> <p><b>DO NOT</b> allow dirt and residue to remain on glass for an extended period of time</p> <p><b>DO NOT</b> begin cleaning glass without knowing if a coated surface is exposed</p> <p><b>DO NOT</b> clean tinted or coated glass in direct sunlight</p> <p><b>DO NOT</b> allow water or cleaning residue to remain on the glass or adjacent materials</p> <p><b>DO NOT</b> begin cleaning without rinsing excessive dirt and debris</p> <p><b>DO NOT</b> use abrasive cleaning solutions or materials</p> <p><b>DO NOT</b> allow metal parts of cleaning equipment to contact the glass</p> <p><b>DO NOT</b> trap abrasive particles between the cleaning materials and the glass surface</p> <p><b>DO NOT</b> allow other trades to lean tools or materials against the glass surface</p> <p><b>DO NOT</b> allow splashed materials to dry on the glass surface</p>

It should also be noted that if any abrasive cleaners, solvents, acids, alkalis or other chemicals come into contact with HGI glass products, product warranty coverage can be voided.

### Laminated Glass Product Cleaning Guidelines

The cleaning of laminated glass products supplied by HGI should also be performed in accordance with the guidelines listed in NGA's "Proper Procedures for Cleaning Architectural Glass Products" technical document. Additional cleaning instructions pertinent to specific categories of laminated glass make-ups are listed below.

#### All Laminated Make-ups

- Do not expose laminated glass edges to organic solvents, acids or any cleaner containing ammonia, which can adversely react with the laminated glass interlayer materials.

#### Laminated Polycarbonate and Unbalanced Glass and Polycarbonate Laminates

- Exposed polycarbonate surfaces and polycarbonates with scratch-resistant coatings require additional care to avoid damage and scratches. Do not use abrasive cleaners or cleaning products that can mar or gouge the surfaces. Wash polycarbonate laminates with a mild soap or detergent (e.g., Formula 409 All Purpose Cleaner) and lukewarm water using a clean sponge or soft cloth. Rinse well with clean water. Dry thoroughly with a chamois or moist cellulose sponge to prevent water spots. Do not use a squeegee or clean in the hot sun. Avoid cleaners that contain ammonia.

- Fresh paint splashes, grease and smeared glazing compounds can be removed easily before drying by rubbing lightly with a quality grade of VM&P naphtha or isopropyl alcohol. Afterward, finish with a warm wash, using a mild soap or detergent solution and ending with a thorough rinsing of clean water.

### Spandrel Glass, Decorative Silkscreened Glass and HD Glass Cleaning Guidelines

For ceramic frit spandrel, Opaci-Coat® spandrel, decorative silkscreened, and HGI's High Definition Glass (HD Glass) ceramic ink digital print glass products, cleaning practices should be conducted in accordance with the instructions listed in the Architectural Glass Product Cleaning Guidelines section of this document.

When Opaci-Coat® silicone painted glass products are used in spandrel applications, coating surface cleaning prior to product installation may be necessary. Cleaning procedures should include the following steps:

- First remove any obvious visible debris.
- Pour or dispense isopropyl alcohol (IPA) onto a clean, soft, absorbent, lint-free cloth.
- Wipe the coated surface with the IPA and cloth.
- Repeat the steps above using a 2nd clean, soft, absorbent, lint-free cloth.
- Wait 5-10 minutes for the alcohol to fully flash off the coating before installation.

### Flat Glass Mirror Glass Product Cleaning Guidelines

Precautions need to be taken to avoid exposing mirror glass edges from coming into contact with any liquids or substances that could cause damage commonly referred to as "black edge corrosion". Should mirror edges become wet, they should be dried off immediately. The NGA's "Proper Procedures for Cleaning Flat Glass Mirrors" informational bulletin addresses how to properly clean mirror products to avoid black edge corrosion along with other types of glass surface damage. Recommendations from the informational bulletin on how to properly care for mirror products are as follows:

- The very best and safest cleaner for a mirror is clean, warm water used with a soft, lint-free cloth. Wring all water from the cloth before wiping the mirror. Dry the mirror immediately with a dry, lint-free cloth.
- Don't use acid or alkali cleaners for mirror cleanup after installation. Either substance can attack the front surface and edges as well as the backing of the mirror. No abrasive cleaners should ever be used on any mirror surface.
- Don't spray cleaners directly on the mirror. Always apply cleaner directly to a soft, lint-free cloth and then wipe the mirror. This will help prevent the cleaner from contacting the edges of the mirror and damaging them.
- Don't clean across the face of multiple mirrors at the same time. When cleaning several mirrors installed on a wall, wipe the joints in the same direction as the joints. This will keep the cleaner from collecting in the area where the mirrors join.
- Don't use commercial mirror cleaners that contain ammonia or vinegar.
- Do use 0000 oil-free steel wool, not solvents, to remove surface marks or stubborn dirt. Use of solvents can attack and damage the edges and backing of mirrors.
- Do use soft, lint and frit free cloths to clean a mirror. This reduces the chances of scratching the mirror surface.
- The last step to cleaning a mirror is to make sure all joints and edges are dry so that no liquid or cleaner comes into contact with the edges and backing.

### Shower and Bath Enclosure Product Cleaning Guidelines

#### Shower Glass

- For general shower and bath enclosure glass product cleaning and maintenance, follow the Architectural Glass Product Cleaning Guidelines outlined above. A best practice is to squeegee shower and bath enclosure glass frequently, then dry with a soft, lint-free cloth. Using a squeegee after each shower helps keep spots and scale from accumulating on glass components. HGI also recommends cleaning the glass regularly with a glass cleaner. Read labels on cleaning products thoroughly before using.
- Avoid abrasives, bleach, acidic or vinegar-based cleaners and scrubbing pads. Read labels on cleaning products thoroughly before using. If your glass is coated or treated with surface protectants, follow the maintenance instructions specific to the coating you purchased.

#### Metal, Hardware and Vinyl

- Avoid using cleaning liquids, powders and pads with abrasive or acidic qualities. Read labels on cleaning products thoroughly before using. HGI recommends that these components be wiped down frequently with a dry, soft cloth.

## Congratulations!

You have selected the world's finest shower door or tub enclosure. Since inventing the frameless shower door in the 1950's, Agalite has been known for its unequivocal quality. Agalite doors are constructed from tempered glass, durable hardware and the finest brass, stainless steel and aluminum in heavy gauges to ensure a lifetime of virtually trouble-free, worry-free use. We have over eight million doors worth of experience. This gives us the confidence to say that you will enjoy your Agalite shower/tub enclosure for many years. Here are a few tips to help you care for and clean your Agalite shower door or tub enclosure to keep it looking new. Agalite, Built to Last a Lifetime!

## Care & Cleaning

### **Glass Care**

Agalite provides the following information for proper cleaning and care of your enclosure. Squeegeeing the glass frequently, then drying with a soft cloth is highly recommended. Using a squeegee after each shower helps keep spots and scale from accumulating on glass components. You should avoid abrasives, bleach, acidic or vinegar based cleaners and scrubbing pads. Read labels on cleaning products thoroughly before using. If your glass is coated or treated with surface protectants, follow the instruction on the labels attached to the glass.

### **Aluminum, Brass and Stainless Steel Components**

#### **- Silver, Matte Black, Brushed Nickel, Satin Silver, Gold and Oil Rubbed Bronze (ORB) -**

Most of the silver, gold, brushed nickel or satin silver metal components of your shower door are anodized aluminum or electroplated brass or stainless steel. Aluminum is a lightweight, non-rusting metal which is anodized to give color and to make shiny. Anodizing also seals the aluminum to guard against corrosion and pitting. Electroplating is a process similar to anodizing. Some glass and lime scale cleaners can damage anodizing and electroplating, causing pitting or discoloration. You can permanently damage the metal's finish if improper cleaning compounds containing alkaline and phosphoric acids are used. The result can be the appearance of white spots and discoloration. Many products' labels warn against use on anodized and plated metals. Read labels on cleaning products thoroughly before using on your shower door. Drywall, spackle and tile grout, which contain lime, can also spot metal and glass surfaces.

### **"Powder-coated" Metal Finishes**

#### **- Matte Black, Oil Rubbed Bronze (OPC), White, Black, etc. -**

If your unit is not an anodized/electroplated colors listed above, it is probably painted via a "powder coat" process. The powder-coat surface is very durable, but it can scratch or chip. If a scratch occurs, please seal it with a matching paint from your local paint or big box store or clear fingernail polish. Guidance for cleaning powder-coated metal is the same as anodized/electroplated metal.



# READ ENTIRE MANUAL BEFORE INSTALLATION AND OPERATION

## Warnings and General Shower Door Information



**SAFETY  
WARNINGS:**



**READ AND FOLLOW INSTRUCTIONS:** Failure to follow all instructions, warnings and guidelines may result in serious injury or death, may cause water damage, and will void the terms of your warranty.

## General Safety and Installation Policies

### Before Installation:

- **Proper Size:** Ensure the enclosure is the proper size for your opening prior to beginning installation.
- **Safe Installation:** Some units may require two or more people to safely install the enclosure properly.
- **Packaging:** It is recommended to retain all packaging and other materials until installation is complete in the event of a return.
- **Inspect:** Installer should inventory all parts or components and inspect them for damage prior to beginning installation.
- **Sharp Edges:** Exposed ends of aluminum and other hard components can be rough, sharp or jagged due to the processes of cutting, drilling, notching, etc. Sharp ends must be deburred, smoothed or rounded by the installer before installation.
- **Safety equipment and tools:** Have all necessary safety equipment (glasses and gloves) and proper tools for the installation. The installer is responsible for determining the correct drill bit(s) for the installation.
- **New Tile:** We recommend that you allow at least 2 days (48 hours) for the tile cement and grout to dry before installing enclosure.

### During Installation



- **Proper backing:** Shower doors are heavy. Therefore, glazing channels, fillers, hinges and headers blocks (structural components) should be secured to studs or solid backing beneath the tile or decorative substrate. Fasteners should screw directly into the backing. Wall anchors are provided primarily to separate screws from tile to reduce the possibility of cracking.

- **Tempered glass:** Glass can break. Shower door panels are tempered to ASTM C1048 specifications as required by building codes. Glass is tempered to greatly increase its strength and to make it fragment into smaller and lighter pieces reducing the possibility of injury in the event that the glass does break. Tempered glass will break and may cause bodily injury if you attempt to cut, drill, mill or alter it in any way. Care must be taken when handling tempered glass. Pay special attention to protect all edges of the glass from contact with hard surfaces.

- **Horizontal surfaces and installation holes:** Avoid drilling into the horizontal surfaces of tubs or showers unless it is required for the structural integrity of the unit. If you drill into horizontal surfaces, always generously caulk the holes, anchors, screws and on top of the screw head. If this is not done, or is done improperly, water damage can occur under the tile or substrate.

- **Weep holes in horizontal channels:** Drilling 3/8" weep holes on the inside of horizontal channels is recommended to allow any moisture build-up inside a channel to exit the channel. Due to varying installation conditions and installer's/owner's personal preference, however, we do not drill them in the factory.

- **Sliding and swinging glass doors:** A door may be improperly installed if it hits or scrapes against bathroom obstructions (toilets or cabinets) or any metal or glass components of the shower door itself. This could lead to glass breakage or serious injury. The installer must correct the deficiencies before allowing the door to be used.

- **Surface conditions:** Most shower door designs allow for out-of-square or unlevel installation. Generally, any outage more than 3/8" that was not identified during the ordering process is outside of these allowances and can result in an improper installation.

### Caulking/Siliconing the Unit:

- Always clean all contact surfaces before caulking and use a high grade 100% silicone for best results.
- After installation, at a minimum, caulk the entire outside perimeter of the unit where the unit touches walls, sills, and step-ups, etc. Also caulk any vertical joints between metal components where water build-up inside of the channels could leak out.

### After Installation:

- **Curing times:** Adhere to manufacturers' recommended curing times for VHB tapes, silicones and any other adhesives, coatings or chemicals used during installation. Unless otherwise stated, it is recommended to wait 72 hours before using the enclosure.
- **Normal wear and tear:** Although these enclosures are designed to last for years, certain items (such as the polycarbonate seals and door sweeps) may need to be replaced as they show signs of aging and wear.

## General Disclaimers

- **Shower Doors are not watertight:** Consumers should understand that a shower door is not watertight. The amount of water that can escape your shower can vary greatly based on shower/tub size, configuration of shower head(s), type of thresholds and drains and by the type of shower door itself. Heavy glass units with no or limited vinyl seals, for example, can allow water to escape under normal conditions. Doors with more metal and seals generally provide more water protection. Excessive water pressure or directing shower heads or hand held sprays directly at doors or joints is not a normal shower conditions and can result in leaks.
- **Towel bars, handles and accessories** are in no way considered to be grab bars or other bracing or fall prevention mechanisms. The intent of these accessories is to facilitate proper operation or enhance the esthetics and functionality of the unit.

## Installation Instructions

Refer to your installation instructions provided with your unit for proper installation. If a copy of the installation manual was not included, you can download one on the RESOURCES page of our website.

## Questions or Comments:

1-800-552-2227

# **Agalite Warranties**

## **Residential Use Limited Lifetime Warranty**

Agalite Bath and Shower Enclosure extends a Limited Lifetime Warranty on products supplied to dealers and residential customers:

- Hartung Glass Industries warrants the Agalite Bath and Shower Enclosures Limited Lifetime Warranty pursuant to the Hartung Glass Industries Standard Warranty available at [www.Agalite.com/warranty](http://www.Agalite.com/warranty)
- Purchaser must complete online registration within 30 days of purchase. To activate warranty go to [www.Agalite.com/warranty](http://www.Agalite.com/warranty) and click "Register On-line"

## **Commercial Use Limited Warranty**

The warranty period for products installed for commercial applications or used in commercial ventures, including but not limited to motels, hotels, casinos, student housing, condos, apartments, and fitness centers, is a one (1) year limited warranty from the date of purchase for shower doors, bathtub doors, shower enclosures. Agalite Bath and Shower Enclosure extends this Warranty on products supplied to dealers and commercial customers, in that Agalite:

- Hartung Glass Industries warrants the Agalite Bath and Shower Enclosures Commercial Use Limited Warranty pursuant to the Hartung Glass Industries Standard Warranty available at [www.Agalite.com/warranty](http://www.Agalite.com/warranty)
- Purchaser must complete online registration within 30 days of purchase. To activate warranty go to [www.Agalite.com/warranty](http://www.Agalite.com/warranty) and click "Register On-line"

## **Installation Instructions**

**For a copy of the installation instructions,  
please visit [www.agalite.com](http://www.agalite.com), call or email  
(see contact information below)**

Failure to follow all instructions, warnings and guidelines may result in serious injury or death, may cause water damage, and will void the terms of your warranty.

## **Contact Us**

**A** Canada  
1-800- 242-8488 / 604-420-3600

**A** Pueblo, CO  
1-800-269-8342 / 719-948-9507

**A** South Bend, IN  
1-800-269-8343 / 574-282-8105

[www.agalite.com](http://www.agalite.com)

**A** Dallas, TX  
1-855-373-6865 / 972-629-6890

**A** Seattle, WA  
1-800-552-2227 / 425-656-2626

**A** Southern California  
1-800-550-9060 / 714-632-7478

[info@agalite.com](mailto:info@agalite.com)



## Hartung Glass Industries Standard Limited Warranty Terms & Conditions

Hartung Glass Industries' ("HGI") offers this Standard Limited Warranty ("Warranty") on the below listed products and parts when used in accordance with applicable building codes and regulations, National Glass Association (NGA), Fenestration & Glazing Industry Alliance (FGIA) and ASTM International guidelines, standard industry practices and written instructions from HGI. This Warranty is offered to the original purchaser of one or more of the specific products listed below ("Original Purchaser") and may not be transferred or assigned.

EXCEPT AS OTHERWISE PROVIDED IN WRITING BY HGI, THIS WARRANTY IS OFFERED IN LIEU OF ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE WARRANTY STATES HGI'S ENTIRE AND EXCLUSIVE LIABILITY AND THE EXCLUSIVE REMEDY OF THE ORIGINAL PURCHASER FOR ANY CLAIM IN CONNECTION WITH THE PRODUCTS COVERED BY THE WARRANTY.

This Warranty covers the following glass items manufactured by HGI or our subsidiaries (Northwestern Industries-Seattle, LLC, Agalite, and Holcam) or the following parts/components supplied by HGI or said subsidiaries (collectively, the "Products"):

### *Insulating Glass*

HGI warrants its dual seal and Super Spacer® TriSeal insulating glass to be free from substantial obstruction of vision from dust, film or moisture formation between sealed panes of glass resulting from failure of the perimeter seal due to defective materials or workmanship for a period of ten (10) years from manufacture.

### *Spandrel Glass, Decorative Silkscreened Glass and HD Glass*

HGI warrants its High Definition Glass (HD Glass) ceramic ink digital print, decorative silkscreened, Ceramic frit spandrel, and Opaci-Coat® spandrel glass products for a period of five (5) years from date of manufacture against defective material or workmanship that result in peeling, cracking, or deterioration of the coating under normal conditions.

### *Laminated Glass*

HGI warrants its laminated glass to be free of manufacturing defects resulting in material obstruction through the glass area and/or edge separation and changes in properties of the polyvinyl butyral, SentryGlas®, ethylene vinyl acetate or glass clad polycarbonate interlayer for a period of five (5) years from date of manufacture. Laminated glass is manufactured to comply with requirements listed in ANSI Z97.1, CPSC 16CFR1201 (Category I or II), and CAN/CGSB-12.1-M90.

### *Heat Treated Glass*

HGI warrants its tempered and heat strengthened glass to meet the requirements of ASTM C1048 for a period of one (1) year from the date of manufacture. Tempered glass is manufactured to comply with requirements listed in ANSI Z97.1, CPSC 16CFR1201 (Category I or II), and CAN/CGSB-12.1-M90. Standard warranty terms for Heat Treated Glass are not applicable to Shower and Bath glass products. See referenced sections for coverage details.

### *Flat Glass Mirror*

Mirror glass products supplied by HGI are warranted against silvering defects resulting in corrosion, discoloration, clouding, black spots and other mirror image vision obstructions for a period of five (5) years from date of manufacture.

### *Residential Bath and Shower*

Holcam® and Agalite® parts/products: HGI's subsidiaries Holcam and Agalite extend a Limited Lifetime Warranty on parts supplied to dealers and residential customers that warrants the aluminum, vinyl, and hardware for its tub or shower enclosures to be free from defects in materials and workmanship for the lifetime of the product. Holcam and Agalite Heavy Glass hardware components and barn door hardware components used in the Holcam EuroLite, Eclipse and Luna collections and the Agalite Estate, Transcend and Napa collections are warranted for a period of five (5) years from the purchase invoice date. The warranty for tub and shower enclosure tempered glass extends up until the glass has been installed; uninstalled tempered glass is warranted against spontaneous breakage resulting from the presence of Nickel Sulfide (NiS) inclusions for a period of ninety (90) days from invoice date.

### *Commercial Bath and Shower*

On products supplied to dealers and commercial customers where furnished parts are installed in commercial applications or used in commercial ventures, including but not limited to motels, casinos, student housing, condos, apartments, and fitness centers, HGI warrants the aluminum, vinyl, and hardware for tub or shower enclosures manufactured by its subsidiaries Holcam and Agalite to be free from defects in materials and workmanship for a period of one (1) year from the purchase invoice date. When used in commercial applications, Holcam and Agalite Heavy Glass hardware components and barn door hardware components used in the Holcam EuroLite, Eclipse and Luna collections and the Agalite Estate, Transcend and Napa collections are warranted for a period of one (1) year from the purchase invoice date. The warranty for tub and shower enclosure tempered glass extends up until the glass has been installed; uninstalled tempered glass is warranted against spontaneous breakage resulting from the presence of Nickel Sulfide (NiS) inclusions for a period of ninety (90) days from invoice date.

### *Total Vision Systems (TVS)*

TVS all-glass entrance and interior partition hardware supplied by HGI is warranted for a period of two (2) years from purchase invoice date against defects in material and workmanship. TVS all-glass railing hardware supplied by HGI is warranted for a period of one (1) year from purchase invoice date against defects in material and workmanship.

## Disclaimers, Exclusions, Limitations and Additional Terms and Conditions

The following limited warranty terms and conditions apply to all Products:

### Warranty Claim Exclusive Remedies

In an event where furnished parts are found to have failed to conform to the warranty described above, HGI will, at its option, replace the Product(s) for the purchaser without charge or refund the purchase price of said parts, as the exclusive remedy available under this Warranty. In the case where a part that needs replacement has been discontinued or is no longer available, HGI reserves the right to substitute comparable parts of equivalent function to replace the Product(s). In no event will HGI's liability under this Warranty exceed the purchase price of the Product(s) purchased. HGI will bear no other expense, such as labor cost of any kind. HGI shall not be liable for any direct, indirect, special, incidental or consequential damages whatsoever, whether based on breach of express or implied warranty, breach of contract, negligence, strict liability, or any other legal theory. Any parts replaced under this warranty are limited to the original warranty period and shall not be extended beyond the original specified warranty term. HGI reserves the right to require inspection of Products that are

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alleged to be defective prior to administering a warranty claim remedy. This Warranty is void if Original Purchaser fails or refuses to provide or make reasonably available for inspection the allegedly defective Product(s) within a reasonable period of time, which shall not exceed thirty (30) days after written notice of the written claim.

#### *Claim Procedure*

In the event of a claim against this Warranty, the Original Purchaser shall promptly notify HGI as directed herein. If Original Purchaser fails to submit a written claim for warranty coverage within thirty (30) calendar days from the date it knew, or reasonably should have known, of the alleged defect covered by the Warranty, then Original Purchaser shall be deemed to have waived any claim for coverage under the Warranty, and HGI shall have no responsibility or liability with respect to such alleged defect(s). In no event shall a claim for warranty coverage be considered after the expiration of the specified warranty coverage period for the particular Product(s). Notice of a claim under HGI's Limited Warranty must be provided via e-mail notification to HGI Customer Service with a copy of the original purchase order/invoice, proof of delivery of Product(s) purchased, and pictures demonstrating the defect. As set forth above, Original Purchaser must also make allegedly defective Product(s) reasonably available for inspection.

#### **Exclusions and Limitations**

This Warranty shall not cover or apply to: normal wear and tear; glass breakage outside of what is covered in the bath and shower enclosure warranty sections; improper or negligent installation, tampering, neglect or any reason not related to defects in material or workmanship of the relevant parts; glass, hardware and insulating glass seal failure caused by acts of God (including, without limitation, fire, floods, extreme weather, earthquakes, crime, labor strikes, war, riots or social unrest, collectively "Acts of God"), an intervening cause or by any other cause whatsoever not within HGI's exclusive control; insulating glass units with single seal systems or with angular spacer junctures commonly referred to as "cut corners"; failure due to mishandling, loading, unloading, storage, misuse, abuse, and improper installation, including failure to follow HGI's installation instructions, and care and maintenance instructions (available at [www.hartung-glass.com](http://www.hartung-glass.com) or from your authorized HGI dealer); scratches, abrasions, corrosion or delamination from the use of abrasive cleaners, solvents, acids, alkalis or any other chemicals used on or around the parts; applications where films, signs or similar devices have been applied to the surface of our products; incompatibility to other glazing or installation materials such as coatings, sealants, adhesives, setting blocks, lubricants, gaskets, insulation or any other related materials; installation of parts (excluding shower and bath enclosures) in a continuous or cyclical high moisture environment, including but not limited to a swimming pool, sauna or greenhouse enclosures; installation in a high vibration environment, including but not limited to motor vehicles, travel trailers, aircraft, watercraft and other mobile applications; inadequate or improper design, specification or usage; damage, failure or breakage caused by localized application of heat which causes excessive temperature differential over the glass surfaces or edges; applications where installation is performed by persons who are not qualified glaziers or authorized HGI dealers; insulated glass units larger than 70 square feet in size; insulating units or laminated glass products installed which exceed 15 degrees from the vertical or which are installed with exposed edges; laminated glass glazed with materials which do not completely repel water for the life of the warranty, or with materials that deteriorate the architectural or security laminated glass products; glazing system applications without a weather seal that is impervious to water, or without a proper weep system; spandrel glass products used in vision applications; mirror glass installed or used in a non-indoor application or where measures are not in place to facilitate incidental moisture evaporation behind the mirror; mirror failures resulting from the use of incompatible mastics/adhesives; shower enclosure, TVS entrance, interior partition and railing hardware finish failure caused by normal weathering, chalking, scratching, fading, corrosive atmospheric contaminants (e.g. chemical fumes, pollution), negligence, abuse, accident, shipping, improper use or installation, fire, flood, exposure to corrosive elements or Acts of God or other causes unrelated to defective materials or workmanship; tub and shower enclosure glass identified after product installation as having scratches, chips, water spots, glass breakage or any other defects; Oil-Rubbed Bronze hardware used in TVS entrance and interior partition systems; glass fabricated by third party suppliers; shifting, settling, or any failure of building structures or foundations; and products manufactured by HGI or HGI's subsidiaries featuring customer's own glass.

#### *Glass Surface Protection Systems*

HGI offers glass products featuring surface protection coatings like Guardian ShowerGuard®, Enduroshield EasyClean10 and Aqualite5. HGI provides no warranty with respect to the performance of those protection coatings. Please refer to the manufacturer websites for each of these respective products for any applicable warranty terms offered by the manufacturers of those coatings.

#### **Additional Terms and Conditions**

For tub and shower enclosures, Warranty coverage is only available if Original Purchaser completes online product registration within 30 days of purchase.

HGI reserves the right to charge for delivery of items covered by the Warranty.

This Warranty will be void in the event that full payment is not received for goods and services within the agreed terms of sale.

This Warranty shall be governed by the laws of the State of Washington, excluding any conflict of law rules of such State. In the event of any dispute or legal action, such dispute or legal action shall be brought exclusively in the appropriate federal or state court sitting in King County, Washington, notwithstanding any claim of forum non conveniens. The prevailing party in any such action shall be entitled to receive all costs and reasonable attorneys' fees, including on any appeals. All terms in this document that are defined or given meanings in the Uniform Commercial Code, as adopted in the State of Washington, will have the same definition and meaning for purposes of this document and sale of goods.

This Warranty may only be modified upon written approval of HGI's President or Vice President.

Effective May 17, 2021, this Warranty will replace and supersede all previous printed or digital warranty versions and any oral or written agreements and understandings that may have existed prior to said effective date.



SHERWIN-WILLIAMS®

# Paint Maintenance Guide

## *White Pine Lodge*

Presented To:  
**509-954-7089**

Presented By:  
**Jason Kinzel**  
SALES- Sales Representative PC Commercial

509-990-0212  
jason.j.kinzel@sherwin.com

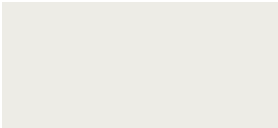
Products are available at:  
POST FALLS COMMERCIAL  
5612 W EXPO PKWY STE A&B  
POST FALLS, ID 83854  
(208) 618-8978

January 26, 2023




# SHERWIN-WILLIAMS®


**SPECIALTY CONSTRUCTION SERVICE**  
**January 26, 2023**

	<b>Description:</b> SPR INT SA EXTRA	<b>Product:</b> A87W01351	<b>Area:</b> Walls
	<b>Color:</b> SW7005 - Pure White		

*Due to screen and print limitations, colors seen here may not accurately reflect painted colors. To confirm your color choices, visit your neighborhood Sherwin-Williams store*

	<b>Description:</b> SPR INT SA ULTRA	<b>Product:</b> A87T01154	<b>Area:</b> Walls
	<b>Color:</b> SW6991 - Black Magic		

*Due to screen and print limitations, colors seen here may not accurately reflect painted colors. To confirm your color choices, visit your neighborhood Sherwin-Williams store*

	<b>Description:</b> PI WB ALK UR LS UD	<b>Product:</b> B53T02254	<b>Area:</b> Metal
	<b>Color:</b> SW6991 - Black Magic		

*Due to screen and print limitations, colors seen here may not accurately reflect painted colors. To confirm your color choices, visit your neighborhood Sherwin-Williams store*

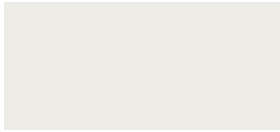
	<b>Description:</b> WoodScapes Exterior Polyurethane Semi -Transparent Stain Clear Base	<b>Product:</b> A15T00005	<b>Area:</b> Stain
	<b>Color:</b> SW3508 - Covered Bridge		

*Due to screen and print limitations, colors seen here may not accurately reflect painted colors. To confirm your color choices, visit your neighborhood Sherwin-Williams store*



**SHERWIN-WILLIAMS®**

**SPECIALTY CONSTRUCTION SERVICE**  
**January 26, 2023**



**Description:**  
PVA INT PRMR  
WHITE

**Product:**  
B28W08030

**Area:**  
Walls

**Color:**  
sw7005 - Pure  
White

*Due to screen and print limitations, colors seen here may not accurately reflect painted colors. To confirm your color choices, visit your neighborhood Sherwin-Williams store*



**SHERWIN-WILLIAMS®**

# Reference Pages



**SHERWIN-WILLIAMS**

## **Care and Cleaning of Interior and Exterior Coatings**

### **Background:**

Establish procedures to maintain and clean interior and exterior painted substrates. To assure maximum washability and durability, wait at least two weeks before washing the dry paint film. Exterior coatings typically are very soft and flexible to allow for expansion and contraction of the coating during changes of temperature. Any hard scrubbing of standard exterior coatings is likely to damage the film. To clean and maintain the interior and exterior surfaces, we recommend these procedures.

### **Concentrated Cleaners, Liquid or Dry:**

- Read all the package directions before using. It is always recommended to test any cleaner on a small, inconspicuous area prior to use.
- Mix or dilute the cleaner per package instructions. Solution strength may be adjusted depending on amount and type of soil.
- Remove any heavy debris and contaminants.
- Using a sponge or cloth, wash surface dirt and marks.
- Do not allow the cleaner to dry on the surface.
- Always clean from the bottom of a wall to the top.
- Rinse the surface thoroughly.
- Repeat if necessary.

### **Premixed Spray Cleaners:**

- Read all the package directions before using. It is always recommended to test any cleaner on a small, inconspicuous area prior to use.
- Turn spray nozzle to desired spray pattern. (Open with nozzle facing away from you.)
- Remove any heavy debris and contaminants.
- Apply the cleaner to the dirt and marks; apply just enough to wet the area.
- Using a damp sponge or cloth, wipe to remove the surface dirt and marks and any excess cleaner. For difficult stains, some scrubbing may be necessary.
- Do not allow the cleaner to dry on the surface.
- If recommended on the cleaner package, rinse the surface thoroughly.
- Repeat if necessary.
- Return spray nozzle to the closed position.

### **Cautions:**

- Thoroughly read and understand all the label cautions prior to using any cleaner.
- Be sure that the cleaner is appropriate for the dirt/contamination.
- Do not mix together any cleaning compounds containing bleach and ammonia.
- Abrasive cleansers may damage a paint film, use very carefully.
- Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions would be advised.

### **WARNING!**

- Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.



**SHERWIN-WILLIAMS**

## Care and Cleaning of Interior and Exterior Coatings

### The Sherwin-Williams Company Cleaning Products

**SuperDeck® Deck Wash** is designed to bring back the fresh, natural look of your deck. Enjoy the self-working, no scrub formulation. This product is an excellent choice to restore your surface or to use as a pretreatment for staining, preserving, or sealing. Use on decks and outdoor furniture made of pressure treated wood, cedar, pine, and most other woods. This product is intended for exterior use only.

**SuperDeck® Stain & Sealer Remover** is specifically designed to remove most semi-transparent and weathered solid latex and oil-based stains from decks and other exterior wood. SuperDeck Stain & Sealer Remover allows you to change the color of your deck or siding by restoring the natural beauty of the wood. SuperDeck Stain & Sealer Remover can be used on most exterior wood surfaces such as decks, siding and fences and will remove the following stains and finishes:

- Polyurethane and some weathered latex paint.
- Oil-based toners, semi-transparent, and weathered solid stains.
- Water-based toners, semi-transparent, and weathered stain.
- Water-reducible toners, semi-transparent and weathered solid stains.
- Old, weathered, clear protective finishes.

SuperDeck Stain & Sealer Remover will restore color to severely weathered and discolored wood.

**SuperDeck® Revive® Deck & Siding Brightener** is a fast-acting, ready-to-use cleaner specially formulated for cedar, redwood and other highly resinous exterior woods as well as dense woods such as mahogany. Due to the chemical characteristics of these types of woods, traditional cleaners can leave the surface with an unnatural, darkened appearance. SuperDeck Revive Deck & Siding Brightener will help remove dirt and unsightly stains caused by mildew and algae, gray and weathered wood, tannin bleed and nail bleed as well as stubborn mill glaze (a surface barrier to wood coatings found on most newly installed cedar and redwood) and restore the surface to its bright, clean natural look. SuperDeck Revive Deck & Siding Brightener can be used on any new or existing exterior structure including wood decks, fences, siding, shakes, shingles, boat docks, boardwalks, outdoor furniture, picnic tables, hot tubs, planters, benches, trellises and gazebos.

**H&C Concrete Etching Solution** is a phosphoric acid-based etcher that has been developed to acid etch concrete surfaces before applying H&C Silicone Acrylic Concrete Sealer, H&C Shield Plus Concrete Stain, and other coatings. Uses: • Basement floors and walls • Garage floors, carports and driveways • Porches, patios, walkways, steps • Swimming pool aprons • Recreation areas • Parking structures and parking lots • Retaining walls • Containment areas • Tilt-up construction • Removes efflorescence (alkali salts) • Reduces the pH of new concrete and new mortar joints.

**H&C Degreaser** is a concentrated heavy-duty cleaner that will remove most automotive fluids (oil, grease, brake fluid, transmission fluid, gear fluid and antifreeze) from concrete and masonry surfaces. Its primary use is to degrease and prepare concrete, block, brick, and masonry. Features: • Removes grease and oil stains • Prepares surfaces for paints, stains, and sealers • Increases any coating's ability to bond with the surface by providing a clean substrate Recommended Uses: • Stadium Supports • Bridges and Bridge Structures • Parking Garages • Patios and Walkways • Pool Decks • Concrete Driveways • Garage Floors • Block & Stucco Walls • Athletic/Tennis/Shuffleboard Courts • Other Concrete Surfaces • Use prior to etching



**SHERWIN-WILLIAMS.**

## **BASICS OF TOUCH-UP**

Often a painted area needs repair. Usually the damaged area is small and is repaired using a brush and roller. The art of repair is called "touching up" and there are many problems in making the repair as invisible as possible. Prerequisites for achieving good "touch-up" are that the paint be of the same color as the original, from the same manufacturer, from the same batch of paint and, ideally, from the same can, and that the area to be repaired has the same texture and appearance of the surrounding area.

If the "touch-up" patch is visible under all illumination conditions then it is poorly done; if one must search for it, then the "touch-up" is good.

### **COMPONENTS OF "TOUCH-UP"**

Touch-up complaints are often not specific about what aspect makes the repair visible. In fact, there are three separate and identifiable components that can be included in a "touch-up" problem. All three components contribute to the visibility of the repair and stem from the use of different application techniques for the original paint and the repair. Usually a brush repair over an airless sprayed original will be very visible. Most of the following comments concern that situation, but they can also be applied to other combinations. On some jobs one problem may be visible, on others they may occur in combinations. It is much easier to understand the cause of the poor "touch-up" if the problem components are identified.

#### **1. "HALO"**

Halo's are created at the edge of the repair by tendrils of paint left by the brush as it enters and exits the area around the patch. Human eyes are very good at determining texture changes and are thus very sensitive to touch-up and "halo" in particular. The texture is more raised in these areas than the main part of the repair, so they produce shadows when illuminated from the far side and reflect light back to the observer when illuminated from the same side.

A painter can make the situation worse by attempting to feather the repair excessively. This creates more edge texture. Halo is diminished if the paint spreads smoothly and continuously over the original layer. If the repair paint thickens in viscosity rapidly as it is spread then it will not level well and the texture at the edge will be especially bad. Thus patching over porous paint, e.g. a flat paint, is more likely to cause a "halo" problem. In the field the "halo" problem may be alleviated by stippling with a brush or otherwise trying to duplicate the texture of the original. Diluting the repair paint by 10-15% may help by accommodating the wicking problem.

#### **2. DIFFERENT SHEEN**

This part of the "touch up" problem is noticed as a difference over the whole repair patch particularly at oblique angles. The patch appears either shiny or dull compared to the background. The effect may be accompanied by a "halo".

Features larger than three mil, e.g. brush marks, roller stipple etc., produce shadowing or reflections like the "halo", but not a change in sheen. Sheen differences are due to changes in the way the light is scattered from smaller features, i.e., roughness, in the paint surface. The shape and the arrangement of the paint ingredients are what determine this. Changes in surface roughness are most visible at grazing angles of observation and illumination. This is often the way that poor touch-ups are first noticed. Drying conditions and application technique are important factors in determining surface roughness. Although paint can be formulated to minimize their importance, sheen differences may be seen when the original paint and the repair paint are applied differently or under widely different temperature and/or humidity conditions.

#### **3. COLOR DEVELOPMENT**

This problem is much less likely to occur than the other two types of touch-up problem. It most often appears as a difference in the depth of the color rather than a color shift, and can be seen at almost any angle of observation, but particularly near the perpendicular (90° angle) in contrast to the "halo" and "sheen" components above.

Changes in the way light is scattered from within the body of the paint film are most visible straight on for both observation and illumination. Poor color touch-up results from differences in pigment particle separation caused by the differences in application techniques, e.g. brush vs. airless spray. Airless spraying inputs a very great deal of energy into paint and disperses pigment very well. Brushing or rolling shear-rates are two to three orders of magnitude less severe and may not disperse paint components in the same way.

*Reprinted from The Sherwin-Williams Materials Science R&D 1991, edited August 2008*

## **Data Pages**

# SuperPaint®

## Interior Latex Satin

A87W01351/A87WQ1351 Extra White


**SHERWIN  
WILLIAMS.**

### CHARACTERISTICS

**SuperPaint® Interior Latex Satin** is for use on previously painted, bare or primed wallboard and wood, and primed plaster, masonry and metal. **SuperPaint** paint and primer in one provides fast & easy application, while offering excellent hide, durability, and improved burnish resistance.

**Color:** Many Colors  
To optimize hide and color development, always use the recommended P-Shade primer.

**Coverage:** 350-400 sq. ft. per gallon  
@ 4 mils wet  
1.6 mils dry

**Drying Time, @ 77° F, 50% RH:**  
Touch: 1 Hour  
Recoat: 4 Hours

Drying and recoat times are temperature, humidity, and film thickness dependent.

**Finish:** 10 units @ 60°

#### **Tinting with CCE:**

Base:	oz. per gallon:	Strength:
Extra White	0-7	SherColor

#### **Extra White A87W01351**

(may vary by color)

#### **V.O.C.(less exempt solvents):**

less than 50 grams per litre; 0.42 lbs. per gallon  
As per 40 CFR 59.406

**Volume Solids:** 40 ±2%

**Weight Solids:** 51 ±2%

**Weight per Gallon:** 10.61 lbs

**Flash Point:** N.A.

**Vehicle Type:** Vinyl Acrylic

**Shelf Life:** 36 months, unopened

### COMPLIANCE

As of 07/18/2022, Complies with :

OTC	Yes
OTC Phase II	Yes
S.C.A.Q.M.D.	Yes
CARB	Yes
CARB SCM 2007	Yes
CARB SCM 2020	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	No
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	No
MIR-Manufacturer Inventory	No
MPI®	No

### APPLICATION

Apply at temperatures above 50°F.  
No reduction needed.

#### **Brush:**

Use a nylon-polyester brush.

#### **Roller:**

Use a 3/8 to 3/4 inch nap synthetic cover.

For specific brushes and rollers, please refer to our Brush and Roller Guide.

#### **Spray - Airless:**

Pressure	2000 p.s.i.
Tip	.017-.021 inch

### APPLICATION TIPS

Make sure product is completely agitated (mechanically or manually) before use.

Priming and application of two coats at the recommended film thickness can help where hiding of a previous coating or application to new drywall is a factor.

Using the same method of application and batch to touch up with as that originally used will help improve touch up.

When original application was by spray, preconditioning of touch up paint by running it through the spray tip will help touch up appearance.

### SPECIFICATIONS

**SuperPaint Interior Latex** can be used directly over existing coatings, or bare drywall, plaster (cured with a pH of less than 9), masonry (cured with a pH of less than 9) and non-bleeding wood.

#### **Block:**

1 coat Loxon Acrylic Block Surfer  
2 coats SuperPaint Interior Latex Satin

#### **Drywall:**

Self-prime use 2 coats SuperPaint Interior Latex Satin  
or  
1 coat Premium Wall & Wood Primer  
2 coats SuperPaint Interior Latex Satin

#### **Masonry:**

1 coat Loxon Concrete & Masonry Primer  
2 coats SuperPaint Interior Latex Satin

#### **Plaster:**

Self-prime use 2 coats SuperPaint Interior Latex Satin  
or  
1 coat Loxon Concrete & Masonry Primer  
2 coats SuperPaint Interior Latex Satin

#### **Wood:**

Self-prime use 2 coats SuperPaint Interior Latex Satin  
or  
1 coat Premium Wall & Wood Primer  
2 coats SuperPaint Interior Latex Satin

If the wood has bleeding (such as tannin or knot-holes), prime with Multi-Purpose Primer.

Other primers may be appropriate.

When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

# SuperPaint®

## Interior Latex Satin

### SURFACE PREPARATION

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting: US - National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead); Canada - your local health authority.

Remove all surface contamination by washing with a appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

#### **Caulking:**

Gaps between walls, ceiling, crown moldings, and other interior trim can be filled with the appropriate caulk after priming the surface.

#### **Drywall:**

Fill cracks and holes with patching paste-spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

#### **Masonry, Concrete, Cement, Block:**

All new surfaces must be cured according to the supplier's recommendations – usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting can not wait 30 days, allow the surface to cure 7 days and prime the surface with Loxon Concrete & Masonry Primer.

### SURFACE PREPARATION

#### **Mildew:**

Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised. Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts clean water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with clean water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.

#### **Plaster:**

Bare plaster must be cured and hard. Textured, soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of clean water. Repeat until the surface is hard, rinse with clear water and allow to dry.

#### **Wood:**

Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth.

### CAUTIONS

For interior use only.  
Protect from freezing.  
Non-Photochemically reactive.

Before using, carefully read **CAUTIONS on label**.

Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, Call Poison Control Center, hospital emergency room, or physician immediately. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

HOTW 07/18/2022 A87W01351 04 03  
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### CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm clean water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

# SuperPaint®

## Interior Latex Satin

A87 Series


**SHERWIN  
WILLIAMS®**

### CHARACTERISTICS

**SuperPaint Interior Latex** is for use on previously painted, bare or primed wallboard and wood, and primed plaster, masonry and metal. **SuperPaint** paint and primer in one provides fast & easy application, while offering excellent hide and durability.

**Color:** Most Colors

To optimize hide and color development, always use the recommended P-Shade primer

**Coverage:** 350-400 sq. ft. per gallon  
@ 4 mils wet;  
1.6 mils dry

**Drying Time, @ 77°F, 50% RH:**

Touch: 1 Hour

Recoat: 4 Hours

Drying and recoat times are temperature, humidity, and film thickness dependent

**Finish:** 10 units @ 60°

**Tinting with CCE only:**

Base:	oz. per gallon:	Strength:
Hi Refl White	0-7	SherColor
Extra White	0-7	SherColor
Deep Base	4-12	SherColor
Ultradeep base	10-12	SherColor

**Extra White A87W01251**  
(may vary by color)

**V.O.C. (less exempt solvents):**

less than 50 grams per litre; 0.42 lbs. per gallon  
As per 40 CFR 59.406

**Volume Solids:** 40 ± 2%

**Weight Solids:** 51 ± 2%

**Weight per Gallon:** 10.51 lbs

**Flash Point:** NA

**Vehicle Type:** Vinyl Acrylic

**Shelf Life:** 36 months unopened

### COMPLIANCE

As of 10/10/2019, Complies with:

<b>OTC</b>	Yes
<b>OTC Phase II</b>	Yes
<b>SCAQMD</b>	Yes
<b>CARB</b>	Yes
<b>CARB SCM 2007</b>	Yes
<b>Canada</b>	Yes
<b>LEED® v4 &amp; v4.1 Emissions</b>	No
<b>LEED® v4 &amp; v4.1 V.O.C.</b>	Yes
<b>EPD-NSF® Certified</b>	No
<b>MIR-Product Lens Certified</b>	No
<b>MPI®</b>	Yes

### APPLICATION

Apply at temperatures above 50°F.  
No reduction needed.

**Brush:**

Use a nylon/polyester brush.

**Roller:**

Use a 3/8 to 3/4 inch nap synthetic cover.

For specific brushes and rollers, please refer to our Brush and Roller Guide.

**Spray—Airless**

Pressure 2000 p.s.i.  
Tip .017-.021 inch

### APPLICATION TIPS

Make sure product is completely agitated (mechanically or manually) before use.

Priming and application of two coats at the recommended film thickness can help where hiding of a previous coating or application to new drywall is a factor.

### SPECIFICATIONS

**SuperPaint Interior Latex can be used directly over existing coatings, or bare drywall, plaster (cured with a pH of less than 9), masonry (cured with a pH of less than 9) and non-bleeding wood.**

**Block:**

1 coat Loxon Acrylic Block Surfer  
2 coats SuperPaint Interior Latex

**Drywall:**

Self-prime use 2 coats of SuperPaint Interior Latex

or

1 coat Premium Wall and Wood Primer  
2 coats SuperPaint Interior Latex

**Masonry:**

1 coat Loxon Concrete and Masonry Primer  
2 coats SuperPaint Interior Latex

**Plaster:**

Self-prime use 2 coats of SuperPaint Interior Latex

or

1 coat Loxon Concrete and Masonry Primer  
2 coats SuperPaint Interior Latex

**Wood:**

Self-prime use 2 coats of SuperPaint Interior Latex

or

1 coat Premium Wall and Wood Primer  
2 coats SuperPaint Interior Latex

If the wood has bleeding (such as tannin or knot-holes), prime with Multi-Purpose Primer.

Other primers may be appropriate.

When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

# SuperPaint®

## Interior Latex Satin

### SURFACE PREPARATION

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at **1-800-424-LEAD** (in US) or contact your local health authority.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer/sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

#### **Caulking:**

Gaps between walls, ceilings, crown moldings, and other interior trim can be filled with the appropriate caulk after priming the surface.

#### **Drywall:**

Fill cracks and holes with patching paste/spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

#### **Masonry, Concrete, Cement, Block:**

All new surfaces must be cured according to the supplier's recommendations—usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with Loxon Concrete & Masonry Primer.

### SURFACE PREPARATION

#### **Mildew:**

Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised. Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution.

#### **Plaster:**

Must be cured, usually 30 days, and hard. If painting cannot wait, allow the surface to dry 7 days and prime with Loxon Concrete and Masonry Primer. Soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of water. Repeat until the surface is hard, rinse with water and allow to dry before painting.

#### **Wood:**

Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth.

### CAUTIONS

For interior use only.  
Protect from freezing.  
Non-photochemically reactive.

Before using, carefully read **CAUTIONS on label**

**CRYSTALLINE SILICA:** Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

HOTW 10/10/2019 A87W01150 17 25  
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### CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

**Pro Industrial™****Waterbased Alkyd Urethane Enamel Low Sheen**

B53-2250 Series

**SHERWIN  
WILLIAMS®****CHARACTERISTICS**

**Pro Industrial Waterbased Alkyd Urethane Enamel** is a premium quality interior-exterior enamel formulated with a urethane modified alkyd resin system for high performance. It provides beauty and durability when applied to interior-exterior surfaces such as properly prepared drywall, wood, masonry and metal. It brings together the convenience and ease of use of a waterborne coating with the performance and coating characteristics of a traditional oil-based enamel.

- Excellent washability & flow & leveling
- Excellent touch up
- Easy application & cleanup
- Resistant to yellowing compared to traditional alkyds
- Suitable for use in USDA inspected facilities

**For use on properly prepared:**

Steel, Galvanized & Aluminum, Drywall, Concrete and Masonry, and Wood.

**Finish:** 15-30° @60°

**Color:** Most colors

**Recommended Spreading Rate per coat:**

Wet mils: 4.0-5.0

Dry mils: 1.3-1.6

Coverage: 320-394 sq.ft. per gallon

**Theoretical Coverage:** 513 sq. ft. per gallon @ 1 mil dry

Approximate spreading rates are calculated on volume solids and do not include any application loss.

**Note:** Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

**Drying Schedule @ 4.0 mils wet, @ 50% RH:**

Drying, and recoat times are temperature, humidity, and film thickness dependent.

**@77°F**

**To touch** 1-2 hours

**To recoat** 4 hours

**Tinting with CCE only:**

Base	oz. per gallon	Strength
Extra White	0-6	SherColor
Deep Base	4-12	SherColor
Ultradeep Base	10-14	SherColor

**Extra White B53W02251**

(may vary by color)

**V.O.C. (less exempt solvents):**

less than 50 grams per litre; 0.42 lbs. per gallon

As per 40 CFR 59.406

**Volume Solids:** 32 ± 2%

**Weight Solids:** 50 ± 2%

**Weight per Gallon:** 11.02 lb

**Flash Point:** N/A

**Vehicle Type:** Urethane modified alkyd

**Shelf Life:** 36 months, unopened

**COMPLIANCE**

As of 03/10/2020, Complies with:

OTC	Yes
OTC Phase II	Yes
SCAQMD	Yes
CARB	Yes
CARB SCM 2007	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	No
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certification	No
MIR-Manufacturer Inventory	No
NSF® Certification	No
MPi®	No

**APPLICATION****Temperature:**

minimum 50°F / 10°C

maximum 100°F / 37.8°C

air, surface, and material

At least 5°F above dew point

**Relative humidity:** 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and application conditions.

**Reducer:** Water

**Airless Spray:**

Pressure 2000 p.s.i.

Hose 1/4 inch I.D.

Tip .013 - .017 inch

Filter 60 mesh

**Reduction** Not recommended

**Brush** Nylon-polyester

**Roller Cover** 1/4-1/2 inch woven

If specific application equipment is listed above, equivalent equipment may be substituted.

Apply paint at the recommended film thickness and spreading rate as indicated on front page. Application of coating below minimum recommended spreading rate will adversely affect coating performance.

No painting should be done immediately after a rain or during foggy weather.

When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. Apply coating evenly while maintaining a wet edge to prevent lapping.

**SPECIFICATIONS****Steel:**

- 1 coat Pro Industrial Pro-Cryl Primer
- 2 coats Pro Industrial Waterbased Alkyd Urethane

**Aluminum and Galvanizing:**

- 1 coat Pro Industrial Pro-Cryl Primer
- 2 coats Pro Industrial Waterbased Alkyd Urethane

**Concrete Block (CMU):**

- 1 coat Pro Industrial Heavy Duty Blockfiller or Loxon Acrylic Block Surfer
- 2 coats Pro Industrial Waterbased Alkyd Urethane

**Concrete-Masonry:**

- 1 coat Loxon Concrete & Masonry Primer (if needed)
- 2 coats Pro Industrial Waterbased Alkyd Urethane

**Drywall:**

- 1 coat ProMar 200 Zero V.O.C. Primer
- 2 coats Pro Industrial Waterbased Alkyd Urethane

**Wood, exterior:**

- 1 coat Exterior Wood Primer
- 2 coats Pro Industrial Waterbased Alkyd Urethane

**Wood, interior:**

- 1 coat Premium Wall & Wood Primer
- 2 coats Pro Industrial Waterbased Alkyd Urethane

The systems listed above are representative of the product's use, other systems may be appropriate.

# Pro Industrial™

## Waterbased Alkyd Urethane Enamel Low Sheen

### SURFACE PREPARATION

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

#### **Do not use hydrocarbon solvents for cleaning.**

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer/sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Iron & Steel** - Minimum surface preparation is Hand Tool Clean per SSPC-SP2. Remove all oil and grease from surface per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6. Primer recommended for best performance

**Aluminum** - Remove all oil, grease, dirt, oxide and other foreign material per SSPC-SP1. Prime the area the same day as cleaned.

**Galvanizing** - Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2, prime the area the same day as cleaned.

**Concrete Block** - Surface should be thoroughly clean and dry. Air, material and surface temperatures must be at least 55°F (13°C) before filling. Use Pro Industrial Heavy Duty Block Filler or Loxon Acrylic Block Surfacer. The filler must be thoroughly dry before topcoating.

**Masonry** - All masonry must be free of dirt, oil, grease, loose paint, mortar, masonry dust, etc. Clean per SSPC-SP13/Nace 6/ ICRI No. 310.2R, CSP 1-3. Poured, troweled, or tilt-up concrete, plaster, mortar, etc. must be thoroughly cured at least 30 days at 75°F. Form release compounds and curing membranes must be removed by brush blasting. Brick must be allowed to weather for one year prior to surface preparation and painting. Prime the area the same day as cleaned. Weathered masonry and soft or porous cement board must be brush blasted or power tool cleaned to remove loosely adhering contamination and to get to a hard, firm surface. Apply one coat Loxon Conditioner, following label recommendations.

**Wood** - Surface must be clean, dry, and sound. Prime with recommended primer. No painting should be done immediately after a rain or during foggy weather. Knots and pitch streaks must be scraped, sanded and spot primed before full coat of primer is applied. All nail holes or small openings must be properly caulked.

### SURFACE PREPARATION

**Previously Painted Surface** - If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating may be necessary. Retest surface for adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Mildew** - Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/ water solution.

### PERFORMANCE

**System Tested:** (unless otherwise indicated)

**Substrate:** Steel

**Surface Preparation:** SSPC-SP10

**Finish:**

1 coat Waterbased Alkyd Urethane, 5 W.F.T.

**Adhesion:**

Method: ASTM D3359 method B

Result: 4B

**Pencil Hardness:**

Method: ASTM D3363

Result: 5H

**Flexibility:**

Method: Method: ASTM D522,  
180° bend, 1/4" mandrel

Result: Pass

**Dry Heat Resistance:**

Method: ASTM D2485

Result: 200°F

**Block Resistance:**

Lab assessment Excellent

**Resistance to Yellowing:**

Lab assessment Excellent

No painting should be done immediately after a rain or during foggy weather.

Do not paint on wet surfaces.

Check adhesion by applying a test strip to determine the readiness for painting.

### SAFETY PRECAUTIONS

Before using, carefully read **CAUTIONS** on label.

Refer to the Safety Data Sheets (SDS) before use.

**FOR PROFESSIONAL USE ONLY.**

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

### CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

**DANGER:** Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations.

HOTW 03/10/2020 B53W02253 07 08  
FRC

**WoodScapes®****Exterior Polyurethane Semi-Transparent Wood Stain**

A15T00005

**SHERWIN  
WILLIAMS®****CHARACTERISTICS****WoodScapes Waterbased Exterior  
Polyurethane Semi-Transparent Stain**

provides a lasting, mildew resistant film with excellent penetration for protecting most vertical exterior wood surfaces. It can be applied at air, surface, and material temperatures as low as 35°F.

**Color:** Semi-Transparent Stain Colors

**Coverage:** 100-350 sq. ft. per gallon  
Depending on porosity and texture.

**NOTE:** New wood normally requires less product than old, weathered wood. This is due to older wood being more porous than newer wood.

Drying and recoat times are temperature, humidity, and film thickness dependent. Air and surface temperatures must not drop below 35°F for 48 hours after application.

**Drying Time, @ 50% RH:**

	35-45°F	@ 45°F+
Touch:	2 hours	2 hours
Recoat:	24-48 hours	5 hours

**When applying a second coat, it must be applied within 30 days of the first coat.**

**Finish:** 0 units @ 85°

**Tinting with CCE:** Do not exceed 2 oz. gallon of tinting color

Base	oz.per gallon	Strength
Clear Base	0-2	SherColor

**Clear Base A15T00005**

**V.O.C.(Total):** 58 grams per litre; 0.48lbs. per gallon

**V.O.C.(less exempt solvents):** 418 grams per litre; 3.48lbs. per gallon

As per 40 CFR 59.406

**Volume Solids:** 8.4 ± 2%

**Weight Solids:** 10.6 ± 2%

**Weight per Gallon:** 8.54 lbs

**Flash Point:** N.A.

**Vehicle Type:** Polyurethane

**Shelf Life:** 36 months unopened

**Mildew Resistant**

This coating contains agents which inhibit the growth of mildew on the surface of this coating film.

**COMPLIANCE**

As of 07/09/2020, Complies with:

OTC	Yes
OTC Phase II	Yes
SCAQMD	Yes
CARB	Yes
CARB SCM 2007	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	N/A
LEED® v4 & v4.1 VOC	Yes
EPD-NSF® Certified	N/A
MIR-Manufacturer Inventory	N/A
MPI®	No

**APPLICATION**

When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours.

Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours.

No reduction necessary.

**Brush:**

Use a nylon-polyester brush.

**Roller:**

Use a 3/8-3/4 inch nap synthetic or lambswool roller cover.

For specific brushes and rollers, please refer to our Brush and Roller Guide on [sherwin-williams.com](http://sherwin-williams.com)

**Spray—Airless**

Pressure 2000 p.s.i.  
Tip .015-.017 inch

**APPLICATION TIPS**

Thoroughly stir contents before and occasionally during use. For uniformity, mix all cans together before use. Do not mix with any other stains or coatings.

- Stains tend to lap (dark lines where two freshly coated areas overlap). These tips will help avoid lap marks and keep the appearance uniform:
- Do not stain in direct sun or on a hot surface.
- Stain from a dry area into the adjoining wet stain area.
- Keep the leading edge wet and distribute the finish evenly.
- Use natural breaks as boundaries to divide large areas into smaller, more manageable ones.
- Stain a board from end to end.
- Use two coats on badly weathered or unfinished wood. When applying a second coat, it must be applied within 30 days of the first coat.
- Maintenance clean by using a non chlorinated bleach alternative
- Always apply product to a small test area and allow to dry completely before coating the entire project to ensure desired color and appearance.

**SPECIFICATION****Wood, Plywood**

2 coats WoodScapes Waterbased Exterior Polyurethane Semi-Transparent Stain

Two coats are necessary to achieve the selected color. Wait the appropriate recoat time for the first coat to dry.

For the best performance, and to achieve the warranty protection, apply two coats. A sample brushout is recommended to ensure color satisfaction.

When applying a second coat, it must be applied within 30 days of the first coat.

After 30 days, test the absorbency of the wood by sprinkling water on the surface. If the water does not bead up and penetrates into the wood quickly, the wood is ready to refinish. If the water beads up or does not penetrate, allow the wood to weather longer and test for absorbency again.

**SURFACE PREPARATION**

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (**NIOSH** approved) and proper containment and cleanup. For more information, call the National Lead Information Center at **1-800-424-LEAD** (in US) or contact your local health authority.

Remove all existing paint and replace any deteriorated substrate. Although this can be applied over earlier semi-transparent stains, some of the old color may be visible through this semi-transparent film. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

Remove all surface contamination by washing with an appropriate cleaner to remove all dirt, air pollution, chalk, etc., especially in areas not exposed to direct weathering such as under eaves and porch ceilings. Rinse and allow the surface to dry. Test the absorbency of the wood by sprinkling water on the surface. If the water penetrates into the wood quickly, the wood is ready to finish. If the water beads up or does not penetrate, remove existing finish or contaminant. Then test for absorbency again. Do not apply coating over wet or damp surfaces.

**Caulking:**

Apply appropriate caulking and patching material to cracks, nail holes, or other surface imperfections. Filled areas will take the stain differently than bare wood.

Consider using a caulk that is a color similar to the stain color.

**SURFACE PREPARATION****Mildew:**

Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.

**Mill Glaze:**

Is a glossy finish on new, smooth sawn wood or on the peaks of some textured wood. This must be removed by sanding to allow the stain to penetrate.

**Pressure Treated Wood:**

Test the absorbency of the wood by sprinkling water on the surface. If the water penetrates into the wood quickly, the wood is ready to finish. If the water beads up or does not penetrate, remove existing finish or contaminant. Then test for absorbency again. Do not apply coating over wet or damp surfaces. Prepare the surface like any other wood surface.

Due to the green tone of many brands of pressure treated lumber, the color of the stain may look different from the color selected. Check the color on a test area prior to staining the entire project.

**Smooth or Rough Wood Siding and Plywood:**

Sand any exposed wood to a fresh surface. Replace any deteriorated wood.

**CAUTIONS**

Maintenance clean by using a non-chlorinated bleach alternative.

For exterior use only.

Do not use on composition board.

Do not use on roofs.

Not for use on horizontal surfaces, such as a roof, or floor, where water may collect.

Before using, carefully read **CAUTIONS on label**

Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (**NIOSH** approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

HOTW 07/09/2020 A15T00005 28 418  
FRC

**CLEANUP INFORMATION**

Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

**PVA****Interior Latex Primer-Sealer**

B28W08020-B28W08030 White

**SHERWIN  
WILLIAMS®****CHARACTERISTICS**

**PVA Interior Latex Primer & Sealer** is designed for use on interior drywall and masonry providing good uniformity for any appropriate latex or oil topcoat.

**Color:** White  
For best topcoat color development, use the recommended "P"-shade primer. Check color before use.

**Coverage:** 400 sq.ft.per gallon  
@ 4.0 mils wet;  
0.8 mils dry

Drying and recoat times are temperature, humidity, and film thickness dependent

**Drying Time, @ 77°F, 50% RH:**

**Touch:** 1 hour

**Recoat:** 4 hour

**Finish:** 0-6 units @85°

**Tinting with CCE only:** For best topcoat color development, use the recommended "P"-shade primer. If desired, up to 4 oz per gallon of ColorCast Ecotoners can be used to approximate the topcoat color. Check color before use.

**White B28W08020-B28W08030****V.O.C. (less exempt solvents):**

less than 50 grams per litre; .42 lbs. per gallon  
As per 40 CFR 59.406

**Volume Solids:** 19 ± 2%

**Weight Solids:** 34 ± 2%

**Weight per Gallon:** 10.12 lbs

**Flash Point:** N.A.

**Vehicle Type:** Vinyl Acetate-ethylene

**Shelf Life:** 36 months unopened

**COMPLIANCE**

As of 09/22/2021, Complies with:

<b>OTC</b>	Yes
<b>OTC Phase II</b>	Yes
<b>S.C.A.Q.M.D.</b>	Yes
<b>CARB</b>	Yes
<b>CARB SCM 2007</b>	Yes
<b>CARB SCM 2020</b>	Yes
<b>Canada</b>	Yes
<b>LEED® v4 &amp; v4.1 Emissions</b>	Yes
<b>LEED® v4 &amp; v4.1 V.O.C.</b>	Yes
<b>EPD-NSF® Certified</b>	Yes
<b>MIR-Manufacturer Inventory</b>	No
<b>MPI®</b>	No

**APPLICATION**

Do not thin.

Apply at temperatures above 50°F.

**Brush:**

Use a nylon-polyester brush

**Roller:**

Use 3/8 - 3/4 inch nap synthetic cover,

For specific brushes and rollers, please refer to our Brush and Roller Guide on sherwin-williams.com

**Spray—Airless:**

Pressure 2000 p.s.i.

Tip .017-.021 inch

**APPLICATION TIPS**

When spot priming on some surfaces, a non-uniform appearance of the final coat may result, due to differences in holdout between primed and unprimed areas. To avoid this, prime the entire surface rather than spot priming.

For optimal performance, this primer must be topcoated with a latex or alkyd-oil coating on architectural applications.

**SPECIFICATIONS**

**PVA Primer** can be used directly over existing coatings, or bare drywall, or plaster-masonry (cured with a pH of less than 9)

**Drywall:**

1 coat PVA Primer-Sealer

2 coats Of appropriate Latex or Alkyd-oil, finishes

**Masonry:**

1 coat PVA Primer-Sealer

2 coats Of appropriate Latex or Alkyd-oil, finishes

**Plaster:**

1 coat PVA Primer-Sealer

2 coats Of appropriate Latex or Alkyd-oil, finishes

# PVA

## Interior Latex Primer-Sealer

### SURFACE PREPARATION

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (**NIOSH** approved) and proper containment and cleanup. For more information, call the National Lead Information Center at **1-800-424-LEAD** (in US) or contact your local health authority.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Caulking** - Gaps between walls, ceilings, crown moldings, and other interior trim can be filled with the appropriate caulk after priming the surface.

**Drywall** - Fill cracks and nail holes with patching paste-spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

**Masonry, Concrete, Block** - All new surfaces must be cured according to the supplier's recommendations—usually about 30 days. Remove all form release and curing agents. Masonry surfaces must be dry before priming. Moisture content must be 15% or lower and the pH between 5 and 9.

If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with Loxon Concrete & Masonry Primer-Sealer. Rough surfaces can be filled with Loxon Acrylic Block Surfer to provide a smooth surface.

### SURFACE PREPARATION

**Mildew** - Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.

### PERFORMANCE

#### **WVP Perms (US):**

B28W08020

Method: Based on ASTM D1653  
Result: 134.11 perm grains/(hr ft<sup>2</sup> in Hg)

B28W08030

Method: Based on ASTM D1653  
Result: 135.69 perm grains/(hr ft<sup>2</sup> in Hg)

### CAUTIONS

For interior use only.

Protect from freezing.

Non-photochemically reactive.

Before using, carefully read **CAUTIONS on label**

Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (**NIOSH** approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

HOTW	09/22/2021	B28W08020	12 40
HOTW	09/22/2021	B28W08030	02 40
FRC			

### CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

# **Environmental Data Sheets**

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Nov 27, 2022

05 00 [3302]

## PRODUCT NUMBER

A87W1351

## PRODUCT NAME

SUPERPAINT® Interior Latex Satin, Extra White

## MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY

101 W. Prospect Avenue

Cleveland, OH 44115

This document includes all data required by 40 CFR 63.801(a) for a Certified Product Data Sheet under criteria specified in 40 CFR 63.805(a). All data given below are MAXIMUM THEORETICAL VALUES based on the product AS CURRENTLY FORMULATED. Variations may occur on individual batches due to adjustments made during production.

## Hazard Category (for SARA 311.312)

A87W1351 = | Acute | Chronic |

## Product Weight

10.61 lb/gal

## Specific Gravity

1.28

## FLASH POINT

N.A.

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Water 7732-18-5	N	N	N	N	49	60

## Volatile Organic Compounds - U.S. EPA / Canada

	A87W1351	
	LB/Gal	g/L
Coating Density	10.61	1271
	By wt	By vol
Total Volatiles	49.1%	60.3%
Federally exempt solvents		
Water	48.9%	60.1%
Organic Volatiles	0.1%	0.1%
Percent Non-Volatile	50.9%	39.7%
VOC Content	LB/Gal	g/L
Total	0.01	1
Less exempt solvents	0.02	3
Of solids	0.02	3
Of solids	0.00 lb/lb	0.00 kg/kg
	By wt	
By wt LVP-VOC	0.1%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) 0.00

**Volatile Organic Compounds - California**

	A87W1351	
	LB/Gal	g/L
Coating Density	10.61	1271
	By wt	By vol
Total Volatiles	49.1%	60.3%
Exempt solvents		
Water	48.9%	60.1%
Organic Volatiles	0.1%	0.1%
Percent Non-Volatile	50.9%	39.7%
VOC Content	LB/Gal	g/L
Total	0.01	1
Less exempt solvents	0.02	3
Of solids	0.02	3
Of solids	0.00 lb/lb	0.00 kg/kg
	By wt	
By wt LVP-VOC	0.1%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.00**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	A87W1351	
	LB/Gal	g/L
Coating Density	10.61	1271
	By wt	By vol
Total Volatiles	49.1%	60.3%
Exempt solvents		
Water	48.9%	60.1%
Organic Volatiles	0.1%	0.1%
Percent Non-Volatile	50.9%	39.7%
VOC Content	LB/Gal	g/L
Total	0.01	1
Less exempt solvents	0.02	3
Of solids	0.02	3
Of solids	0.00 lb/lb	0.00 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	A87W1351	
	By wt	By vol
Total Volatiles	49.3%	60.6%
VOC Content	LB/Gal	g/L
Total	0.04	5

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	A87W1351	
	By wt	By vol
Total Volatiles	49.1%	60.3%
VOC Content	LB/Gal	g/L
Total	0.01	1

### Volatile Organic Compounds - Mexico

	A87W1351	
	LB/Gal	g/L
Coating Density	10.61	1271
	By wt	By vol
Total Volatiles	49.1%	60.3%
Exempt solvents		
Water	48.9%	60.1%
Organic Volatiles	0.1%	0.1%
Percent Non-Volatile	50.9%	39.7%
VOC Content	LB/Gal	g/L
Total	0.01	1
Less exempt solvents	0.02	3
Of solids	0.02	3
Of solids	0.00 lb/lb	0.00 kg/kg

### Hazardous Air Pollutants (Clean Air Act, Section 112(b))

	A87W1351	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

### Air Quality Data

#### Density of Organic Solvent Blend

7.73 lb/gal

#### Photochemically Reactive

No

### Additional Regulatory Information

#### US EPA TSCA:

Not Applicable

#### Relevant identified uses of the substance or mixture and uses advised against:

Not Applicable

### Waste Disposal

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Addition of reducers or other additives to this product may substantially alter the above data. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Nov 27, 2022

43 00 [3302]

## PRODUCT NUMBER

A87T1154

## PRODUCT NAME

SUPERPAINT® Interior Latex Satin, Ultradeep Base

## MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY

101 W. Prospect Avenue

Cleveland, OH 44115

This document includes all data required by 40 CFR 63.801(a) for a Certified Product Data Sheet under criteria specified in 40 CFR 63.805(a). All data given below are MAXIMUM THEORETICAL VALUES based on the product AS CURRENTLY FORMULATED. Variations may occur on individual batches due to adjustments made during production.

## Hazard Category (for SARA 311.312)

A87T1154 = | Acute | Chronic |

## Product Weight

9.69 lb/gal

## Specific Gravity

1.17

## FLASH POINT

N.A.

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Water 7732-18-5	N	N	N	N	60	70

## Volatile Organic Compounds - U.S. EPA / Canada

	A87T1154	
	LB/Gal	g/L
Coating Density	9.69	1161
	By wt	By vol
Total Volatiles	60.2%	70.1%
Federally exempt solvents		
Water	60.1%	70.0%
Organic Volatiles	0.1%	0.1%
Percent Non-Volatile	39.8%	29.9%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.01	2
Of solids	0.01	2
Of solids	0.00 lb/lb	0.00 kg/kg
	By wt	
By wt LVP-VOC	0.1%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) 0.00

**Volatile Organic Compounds - California**

	A87T1154	
	LB/Gal	g/L
Coating Density	9.69	1161
	By wt	By vol
Total Volatiles	60.2%	70.1%
Exempt solvents		
Water	60.1%	70.0%
Organic Volatiles	0.1%	0.1%
Percent Non-Volatile	39.8%	29.9%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.01	2
Of solids	0.01	2
Of solids	0.00 lb/lb	0.00 kg/kg
	By wt	
By wt LVP-VOC	0.1%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.00**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	A87T1154	
	LB/Gal	g/L
Coating Density	9.69	1161
	By wt	By vol
Total Volatiles	60.2%	70.1%
Exempt solvents		
Water	60.1%	70.0%
Organic Volatiles	0.1%	0.1%
Percent Non-Volatile	39.8%	29.9%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.01	2
Of solids	0.01	2
Of solids	0.00 lb/lb	0.00 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	A87T1154	
	By wt	By vol
Total Volatiles	60.5%	70.5%
VOC Content	LB/Gal	g/L
Total	0.03	4

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	A87T1154	
	By wt	By vol
Total Volatiles	60.2%	70.1%
VOC Content	LB/Gal	g/L
Total	0.00	0

### Volatile Organic Compounds - Mexico

	A87T1154	
	LB/Gal	g/L
Coating Density	9.69	1161
	By wt	By vol
Total Volatiles	60.2%	70.1%
Exempt solvents		
Water	60.1%	70.0%
Organic Volatiles	0.1%	0.1%
Percent Non-Volatile	39.8%	29.9%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.01	2
Of solids	0.01	2
Of solids	0.00 lb/lb	0.00 kg/kg

### Hazardous Air Pollutants (Clean Air Act, Section 112(b))

	A87T1154	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

### Air Quality Data

#### Density of Organic Solvent Blend

6.59 lb/gal

#### Photochemically Reactive

No

### Additional Regulatory Information

#### US EPA TSCA:

Not Applicable

#### Relevant identified uses of the substance or mixture and uses advised against:

Not Applicable

### Waste Disposal

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Addition of reducers or other additives to this product may substantially alter the above data. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Nov 26, 2022

12 00 [3302]

## PRODUCT NUMBER

B53T2254

## PRODUCT NAME

PRO INDUSTRIAL™ Waterbased Alkyd Urethane Low Sheen, Ultradeep Base

## MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY

101 W. Prospect Avenue

Cleveland, OH 44115

This document includes all data required by 40 CFR 63.801(a) for a Certified Product Data Sheet under criteria specified in 40 CFR 63.805(a). All data given below are MAXIMUM THEORETICAL VALUES based on the product AS CURRENTLY FORMULATED. Variations may occur on individual batches due to adjustments made during production.

## Hazard Category (for SARA 311.312)

B53T2254 = | Acute | Chronic |

## Product Weight

9.19 lb/gal

## Specific Gravity

1.11

## FLASH POINT

N.A.

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Water 7732-18-5	N	N	N	N	62	69

## Volatile Organic Compounds - U.S. EPA / Canada

	B53T2254	
	LB/Gal	g/L
Coating Density	9.19	1100
	By wt	By vol
Total Volatiles	63.1%	70.3%
Federally exempt solvents		
Water	62.2%	69.3%
Organic Volatiles	0.9%	1.0%
Percent Non-Volatile	36.9%	29.7%
VOC Content	LB/Gal	g/L
Total	0.08	9
Less exempt solvents	0.26	32
Of solids	0.27	33
Of solids	0.02 lb/lb	0.02 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) 0.02

**Volatile Organic Compounds - California**

	B53T2254	
	LB/Gal	g/L
Coating Density	9.19	1100
	By wt	By vol
Total Volatiles	63.1%	70.3%
Exempt solvents		
Water	62.2%	69.3%
Organic Volatiles	0.9%	1.0%
Percent Non-Volatile	36.9%	29.7%
VOC Content	LB/Gal	g/L
Total	0.08	9
Less exempt solvents	0.26	32
Of solids	0.27	33
Of solids	0.02 lb/lb	0.02 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.02**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	B53T2254	
	LB/Gal	g/L
Coating Density	9.19	1100
	By wt	By vol
Total Volatiles	63.1%	70.3%
Exempt solvents		
Water	62.2%	69.3%
Organic Volatiles	0.9%	1.0%
Percent Non-Volatile	36.9%	29.7%
VOC Content	LB/Gal	g/L
Total	0.08	9
Less exempt solvents	0.26	32
Of solids	0.27	33
Of solids	0.02 lb/lb	0.02 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	B53T2254	
	By wt	By vol
Total Volatiles	63.1%	70.3%
VOC Content	LB/Gal	g/L
Total	0.08	9

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	B53T2254	
	By wt	By vol
Total Volatiles	63.1%	70.3%
VOC Content	LB/Gal	g/L
Total	0.08	9

### Volatile Organic Compounds - Mexico

	B53T2254	
	LB/Gal	g/L
Coating Density	9.19	1100
	By wt	By vol
Total Volatiles	63.1%	70.3%
Exempt solvents		
Water	62.2%	69.3%
Organic Volatiles	0.9%	1.0%
Percent Non-Volatile	36.9%	29.7%
VOC Content	LB/Gal	g/L
Total	0.08	9
Less exempt solvents	0.26	32
Of solids	0.27	33
Of solids	0.02 lb/lb	0.02 kg/kg

### Hazardous Air Pollutants (Clean Air Act, Section 112(b))

	B53T2254	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

### Air Quality Data

#### Density of Organic Solvent Blend

8.39 lb/gal

#### Photochemically Reactive

No

### Additional Regulatory Information

#### US EPA TSCA:

Not Applicable

#### Relevant identified uses of the substance or mixture and uses advised against:

Not Applicable

### Waste Disposal

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Addition of reducers or other additives to this product may substantially alter the above data. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Nov 27, 2022

30 00 [3312]

## PRODUCT NUMBER

A15T5

## PRODUCT NAME

WOODSCAPES® Semi-Transparent Polyurethane Exterior House Stain, Clear Base

## MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY

101 W. Prospect Avenue

Cleveland, OH 44115

This document includes all data required by 40 CFR 63.801(a) for a Certified Product Data Sheet under criteria specified in 40 CFR 63.805(a). All data given below are MAXIMUM THEORETICAL VALUES based on the product AS CURRENTLY FORMULATED. Variations may occur on individual batches due to adjustments made during production.

## Hazard Category (for SARA 311.312)

A15T5 = | Acute | Chronic |

## Product Weight

8.54 lb/gal

## Specific Gravity

1.03

## FLASH POINT

N.A.

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Ethylene Glycol 107-21-1	N	Y	Y	Y	4	4
Water 7732-18-5	N	N	N	N	84	86

## Volatile Organic Compounds - U.S. EPA / Canada

	A15T5	
	LB/Gal	g/L
Coating Density	8.54	1023
	By wt	By vol
Total Volatiles	89.4%	91.6%
Federally exempt solvents		
Water	83.7%	86.0%
2-Amino-2-Methyl-1-Propanol	0.1%	0.1%
Organic Volatiles	5.6%	5.5%
Percent Non-Volatile	10.6%	8.4%
VOC Content	LB/Gal	g/L
Total	0.48	57
Less exempt solvents	3.48	417
Of solids	5.75	689
Of solids	0.53 lb/lb	0.53 kg/kg
	By wt	
By wt LVP-VOC	1.2%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.23**

**Volatile Organic Compounds - California**

	A15T5	
	LB/Gal	g/L
Coating Density	8.54	1023
	By wt	By vol
Total Volatiles	89.4%	91.6%
Exempt solvents		
Water	83.7%	86.0%
Organic Volatiles	5.7%	5.6%
Percent Non-Volatile	10.6%	8.4%
VOC Content	LB/Gal	g/L
Total	0.49	58
Less exempt solvents	3.51	421
Of solids	5.85	701
Of solids	0.54 lb/lb	0.54 kg/kg
	By wt	
By wt LVP-VOC	1.4%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.16**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	A15T5	
	LB/Gal	g/L
Coating Density	8.54	1023
	By wt	By vol
Total Volatiles	89.4%	91.6%
Exempt solvents		
Water	83.7%	86.0%
Organic Volatiles	5.7%	5.6%
Percent Non-Volatile	10.6%	8.4%
VOC Content	LB/Gal	g/L
Total	0.49	58
Less exempt solvents	3.51	421
Of solids	5.85	701
Of solids	0.54 lb/lb	0.54 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	A15T5	
	By wt	By vol
Total Volatiles	89.4%	91.6%
VOC Content	LB/Gal	g/L
Total	0.48	58

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	A15T5	
	By wt	By vol
Total Volatiles	89.2%	91.3%
VOC Content	LB/Gal	g/L
Total	0.46	56

### Volatile Organic Compounds - Mexico

	A15T5	
	LB/Gal	g/L
Coating Density	8.54	1023
	By wt	By vol
Total Volatiles	89.4%	91.6%
Exempt solvents		
Water	83.7%	86.0%
Organic Volatiles	5.7%	5.6%
Percent Non-Volatile	10.6%	8.4%
VOC Content	LB/Gal	g/L
Total	0.49	58
Less exempt solvents	3.51	421
Of solids	5.85	701
Of solids	0.54 lb/lb	0.54 kg/kg

### Hazardous Air Pollutants (Clean Air Act, Section 112(b))

	A15T5	
	LB/Gal	kg/L
Volatile HAPS	0.35	0.042
Of solids	4.20	0.503
Of solids	0.39 lb/lb	0.39 kg/kg

### Air Quality Data

#### Density of Organic Solvent Blend

8.82 lb/gal

#### Photochemically Reactive

No

### Additional Regulatory Information

#### US EPA TSCA:

Not Applicable

#### Relevant identified uses of the substance or mixture and uses advised against:

Not Applicable

### Waste Disposal

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Addition of reducers or other additives to this product may substantially alter the above data. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Dec 2, 2022

07 00 [3362]

## PRODUCT NUMBER

B28W8030

## PRODUCT NAME

PVA Interior Latex Drywall Primer & Sealer, White

## MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY

101 W. Prospect Avenue

Cleveland, OH 44115

This document includes all data required by 40 CFR 63.801(a) for a Certified Product Data Sheet under criteria specified in 40 CFR 63.805(a). All data given below are MAXIMUM THEORETICAL VALUES based on the product AS CURRENTLY FORMULATED. Variations may occur on individual batches due to adjustments made during production.

## Hazard Category (for SARA 311.312)

B28W8030 = | Chronic |

## Product Weight

10.12 lb/gal

## Specific Gravity

1.22

## FLASH POINT

N.A.

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Water 7732-18-5	N	N	N	N	66	80

## Volatile Organic Compounds - U.S. EPA / Canada

	B28W8030	
	LB/Gal	g/L
Coating Density	10.12	1213
	By wt	By vol
Total Volatiles	66.3%	80.8%
Federally exempt solvents		
Water	65.6%	79.9%
Organic Volatiles	0.7%	0.8%
Percent Non-Volatile	33.7%	19.2%
VOC Content	LB/Gal	g/L
Total	0.06	8
Less exempt solvents	0.33	40
Of solids	0.35	42
Of solids	0.01 lb/lb	0.01 kg/kg
	By wt	
By wt LVP-VOC	0.3%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) 0.02

**Volatile Organic Compounds - California**

	B28W8030	
	LB/Gal	g/L
Coating Density	10.12	1213
	By wt	By vol
Total Volatiles	66.3%	80.8%
Exempt solvents		
Water	65.6%	79.9%
Organic Volatiles	0.7%	0.8%
Percent Non-Volatile	33.7%	19.2%
VOC Content	LB/Gal	g/L
Total	0.06	8
Less exempt solvents	0.33	40
Of solids	0.35	42
Of solids	0.01 lb/lb	0.01 kg/kg
	By wt	
By wt LVP-VOC	0.3%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.02**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	B28W8030	
	LB/Gal	g/L
Coating Density	10.12	1213
	By wt	By vol
Total Volatiles	66.3%	80.8%
Exempt solvents		
Water	65.6%	79.9%
Organic Volatiles	0.7%	0.8%
Percent Non-Volatile	33.7%	19.2%
VOC Content	LB/Gal	g/L
Total	0.06	8
Less exempt solvents	0.33	40
Of solids	0.35	42
Of solids	0.01 lb/lb	0.01 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	B28W8030	
	By wt	By vol
Total Volatiles	66.4%	80.8%
VOC Content	LB/Gal	g/L
Total	0.07	8

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	B28W8030	
	By wt	By vol
Total Volatiles	66.0%	80.4%
VOC Content	LB/Gal	g/L
Total	0.03	3

### Volatile Organic Compounds - Mexico

	B28W8030	
	LB/Gal	g/L
Coating Density	10.12	1213
	By wt	By vol
Total Volatiles	66.3%	80.8%
Exempt solvents		
Water	65.6%	79.9%
Organic Volatiles	0.7%	0.8%
Percent Non-Volatile	33.7%	19.2%
VOC Content	LB/Gal	g/L
Total	0.06	8
Less exempt solvents	0.33	40
Of solids	0.35	42
Of solids	0.01 lb/lb	0.01 kg/kg

### Hazardous Air Pollutants (Clean Air Act, Section 112(b))

	B28W8030	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

### Air Quality Data

#### Density of Organic Solvent Blend

8.01 lb/gal

#### Photochemically Reactive

No

### Additional Regulatory Information

#### US EPA TSCA:

Not Applicable

#### Relevant identified uses of the substance or mixture and uses advised against:

Not Applicable

### Waste Disposal

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Addition of reducers or other additives to this product may substantially alter the above data. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

# **Safety Data Sheets**

# SAFETY DATA SHEET

A87W1351

## Section 1. Identification

**Product name** : SUPERPAINT® Interior Latex Satin  
Extra White

**Product code** : A87W1351

**Other means of identification** : Not available.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**

Paint or paint related material.

**Manufacturer** : THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

**Emergency telephone number of the company** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

**Product Information Telephone Number** : US / Canada: 1-800-474-3794  
Mexico: Not Available

**Regulatory Information Telephone Number** : US / Canada: (216) 566-2902  
Mexico: Not Available

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : CARCINOGENICITY - Category 2

### GHS label elements

**Hazard pictograms** :



**Signal word** : Warning

**Hazard statements** : Suspected of causing cancer.

### Precautionary statements

**General** : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection.

**Response** : IF exposed or concerned: Get medical advice or attention.

## Section 2. Hazards identification

- Storage** : Store locked up.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Contains Formaldehyde - a potential cancer hazard.
- Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
- Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Not available.

### CAS number/other identifiers

<b>Ingredient name</b>	<b>% by weight</b>	<b>CAS number</b>
Titanium Dioxide	≥10 - ≤25	13463-67-7
Calcium Carbonate	≤5	1317-65-3

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.

## Section 4. First aid measures

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

### Over-exposure signs/symptoms

**Eye contact** : No specific data.

**Inhalation** : No specific data.

**Skin contact** : No specific data.

**Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments** : No specific treatment.

**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** :

## Section 6. Accidental release measures

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Titanium Dioxide	13463-67-7	<b>OSHA PEL (United States, 5/2018).</b> TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust <b>ACGIH TLV (United States, 1/2022).</b> TWA: 2.5 mg/m <sup>3</sup> 8 hours. Form: respirable fraction, finescale particles
Calcium Carbonate	1317-65-3	<b>OSHA PEL (United States, 5/2018).</b> TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction

## Section 8. Exposure controls/personal protection

TWA: 15 mg/m<sup>3</sup> 8 hours. Form: Total dust  
**NIOSH REL (United States, 10/2020).**  
**[calcium carbonate]**  
 TWA: 5 mg/m<sup>3</sup> 10 hours. Form: Respirable fraction  
 TWA: 10 mg/m<sup>3</sup> 10 hours. Form: Total

### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Titanium dioxide	13463-67-7	<b>CA British Columbia Provincial (Canada, 3/2022).</b> TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Total dust TWA: 3 mg/m <sup>3</sup> 8 hours. Form: respirable fraction <b>CA Quebec Provincial (Canada, 6/2021).</b> TWAEV: 10 mg/m <sup>3</sup> 8 hours. Form: Total dust. <b>CA Alberta Provincial (Canada, 6/2018).</b> 8 hrs OEL: 10 mg/m <sup>3</sup> 8 hours. <b>CA Ontario Provincial (Canada, 6/2019).</b> TWA: 10 mg/m <sup>3</sup> 8 hours. <b>CA Saskatchewan Provincial (Canada, 7/2013).</b> STEL: 20 mg/m <sup>3</sup> 15 minutes. TWA: 10 mg/m <sup>3</sup> 8 hours.

### Occupational exposure limits (Mexico)

	CAS #	Exposure limits
None.		

#### Appropriate engineering controls

: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

#### Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

#### Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

#### Skin protection

## Section 8. Exposure controls/personal protection

- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

- Physical state** : Liquid.
- Color** : White.
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : 9.3
- Melting point/freezing point** : Not available.
- Boiling point, initial boiling point, and boiling range** : 100°C (212°F)
- Flash point** : Closed cup: Not applicable.
- Evaporation rate** : 0.09 (butyl acetate = 1)
- Flammability** : Not available.
- Lower and upper explosion limit/flammability limit** : Not available.
- Vapor pressure** : 2.3 kPa (17.5 mm Hg)
- Relative vapor density** : 1 [Air = 1]
- Relative density** : 1.27
- Solubility(ies)** :

Media	Result
cold water	Partially soluble

- Partition coefficient: n-octanol/water** : Not applicable.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : Kinematic (40°C (104°F)): >20.5 mm<sup>2</sup>/s (>20.5 cSt)
- Molecular weight** : Not applicable.
- Aerosol product**
- Heat of combustion** : 1.132 kJ/g

## Section 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : No specific data.
- Incompatible materials** : No specific data.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Not available.

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Titanium Dioxide	Skin - Mild irritant	Human	-	72 hours 300 ug l	-

#### Sensitization

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

#### Classification

Product/ingredient name	OSHA	IARC	NTP
Titanium Dioxide	-	2B	-

#### Reproductive toxicity

Not available.

#### Teratogenicity

Not available.

#### Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Calcium Carbonate	Category 3	-	Respiratory tract irritation

#### Specific target organ toxicity (repeated exposure)

Not available.

#### Aspiration hazard

## Section 11. Toxicological information

Not available.

**Information on the likely routes of exposure** : Not available.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**General** : No known significant effects or critical hazards.  
**Carcinogenicity** : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.  
**Mutagenicity** : No known significant effects or critical hazards.  
**Teratogenicity** : No known significant effects or critical hazards.  
**Developmental effects** : No known significant effects or critical hazards.  
**Fertility effects** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Not available.

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
Titanium Dioxide	Acute LC50 >1000000 µg/l Marine water	Fish - Fundulus heteroclitus	96 hours

### Persistence and degradability

Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-	-
Transport hazard class(es)	-	-	-	-	-
Packing group	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.
Additional information	-	-	-	-	-

## Section 14. Transport information

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**Special precautions for user** : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according to IMO instruments** : Not available.

**Proper shipping name** : Not available.

## Section 15. Regulatory information

**TSCA 5(a)2 proposed significant new use rules:** 2-Methyl-4-isothiazolin-3-one;  
5-Chloro-2-methylisothiazolinone

### SARA 313

SARA 313 (40 CFR 372.45) supplier notification can be found on the Environmental Data Sheet.

### SARA 302/304

SARA 302/304 (40 CFR part 302) supplier notification can be found on the Environmental Data Sheet.

### California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### International regulations

#### **International lists**

**Australia inventory (AIIIC):** Not determined.  
**China inventory (IECSC):** Not determined.  
**Japan inventory (CSCL):** Not determined.  
**Japan inventory (ISHL):** Not determined.  
**Korea inventory (KECI):** Not determined.  
**New Zealand Inventory of Chemicals (NZIoC):** Not determined.  
**Philippines inventory (PICCS):** Not determined.  
**Taiwan Chemical Substances Inventory (TCSI):** Not determined.  
**Thailand inventory:** Not determined.  
**Turkey inventory:** Not determined.  
**Vietnam inventory:** Not determined.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health	*	2
Flammability		0
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

## Section 16. Other information

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### Procedure used to derive the classification

Classification	Justification
CARCINOGENICITY - Category 2	Calculation method

### History

**Date of printing** : 11/24/2022

**Date of issue/Date of revision** : 11/24/2022

**Date of previous issue** : 11/4/2022

**Version** : 1.06

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

📌 Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

# SAFETY DATA SHEET

A87T1154

## Section 1. Identification

**Product name** : SUPERPAINT® Interior Latex Satin  
Ultradeep Base

**Product code** : A87T1154

**Other means of identification** : Not available.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**

Paint or paint related material.

**Manufacturer** : THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

**Emergency telephone number of the company** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

**Product Information Telephone Number** : US / Canada: 1-800-474-3794  
Mexico: Not Available

**Regulatory Information Telephone Number** : US / Canada: (216) 566-2902  
Mexico: Not Available

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : SKIN CORROSION/IRRITATION - Category 2  
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A

### GHS label elements

**Hazard pictograms** :



**Signal word** : Warning

**Hazard statements** : Causes skin irritation.  
Causes serious eye irritation.

### Precautionary statements

**General** : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Prevention** : Wear protective gloves. Wear eye or face protection. Wash thoroughly after handling.

## Section 2. Hazards identification

- Response** : Take off contaminated clothing and wash it before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
- Storage** : Not applicable.
- Disposal** : Not applicable.
- Supplemental label elements** WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Adequate ventilation required when sanding or abrading the dried film. If Adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release Crystalline Silica which has been shown to cause lung damage and cancer under long term exposure. Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
- Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Not available.
- CAS number/other identifiers**

Ingredient name	% by weight	CAS number
Calcium Carbonate	≥10 - <20	1317-65-3
Heavy Paraffinic Oil	≤3	64742-65-0

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

## Section 4. First aid measures

- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : Causes serious eye irritation.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : Causes skin irritation.  
**Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness
- Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

## Section 5. Fire-fighting measures

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

## Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Calcium Carbonate	1317-65-3	<b>OSHA PEL (United States, 5/2018).</b> TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust <b>NIOSH REL (United States, 10/2020).</b> <b>[calcium carbonate]</b> TWA: 5 mg/m <sup>3</sup> 10 hours. Form: Respirable fraction TWA: 10 mg/m <sup>3</sup> 10 hours. Form: Total
Heavy Paraffinic Oil	64742-65-0	<b>OSHA PEL (United States, 5/2018). [Oil mist, mineral]</b> TWA: 5 mg/m <sup>3</sup> 8 hours. <b>ACGIH TLV (United States, 1/2022).</b> <b>[Mineral Oil, pure, highly and severely refined]</b> TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Inhalable fraction <b>NIOSH REL (United States, 10/2020). [OIL MIST MINERAL]</b> TWA: 5 mg/m <sup>3</sup> 10 hours. Form: Mist STEL: 10 mg/m <sup>3</sup> 15 minutes. Form: Mist

#### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Heavy Paraffinic Oil	64742-65-0	<b>CA Alberta Provincial (Canada, 6/2018). [Oil]</b> 8 hrs OEL: 5 mg/m <sup>3</sup> 8 hours. Form: Mist 15 min OEL: 10 mg/m <sup>3</sup> 15 minutes. Form: Mist <b>CA Quebec Provincial (Canada, 6/2021). [Mineral oil (mist)]</b> TWA <sub>EV</sub> : 5 mg/m <sup>3</sup> 8 hours. Form: mist STEV: 10 mg/m <sup>3</sup> 15 minutes. Form: mist

#### Occupational exposure limits (Mexico)

Ingredient name	CAS #	Exposure limits
Heavy Paraffinic Oil	64742-65-0	<b>NOM-010-STPS-2014 (Mexico, 4/2016).</b> <b>[Highly refined mineral oils, mist, with the exception of cutting fluids]</b> TWA: 5 mg/m <sup>3</sup> 8 hours. Form: mist

## Section 8. Exposure controls/personal protection

- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

- Physical state** : Liquid.
- Color** : Not available.
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : 9.5
- Melting point/freezing point** : Not available.
- Boiling point, initial boiling point, and boiling range** : 100°C (212°F)
- Flash point** : Closed cup: Not applicable.
- Evaporation rate** : 0.09 (butyl acetate = 1)
- Flammability** : Not available.
- Lower and upper explosion limit/flammability limit** : Not available.

## Section 9. Physical and chemical properties

**Vapor pressure** : 2.3 kPa (17.5 mm Hg)

**Relative vapor density** : 1 [Air = 1]

**Relative density** : 1.16

**Solubility(ies)** :

Media	Result
cold water	Partially soluble

**Partition coefficient: n-octanol/water** : Not applicable.

**Auto-ignition temperature** : Not available.

**Decomposition temperature** : Not available.

**Viscosity** : Kinematic (40°C (104°F)): >20.5 mm<sup>2</sup>/s (>20.5 cSt)

**Molecular weight** : Not applicable.

### Aerosol product

**Heat of combustion** : 1.21 kJ/g

## Section 10. Stability and reactivity

**Reactivity** : No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** : The product is stable.

**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** : No specific data.

**Incompatible materials** : No specific data.

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Heavy Paraffinic Oil	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-

#### Irritation/Corrosion

Not available.

#### Sensitization

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

## Section 11. Toxicological information

### Reproductive toxicity

Not available.

### Teratogenicity

Not available.

### Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Calcium Carbonate	Category 3	-	Respiratory tract irritation

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Name	Result
Heavy Paraffinic Oil	ASPIRATION HAZARD - Category 1

**Information on the likely routes of exposure** : Not available.

### Potential acute health effects

**Eye contact** : Causes serious eye irritation.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : Causes skin irritation.  
**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness  
**Inhalation** : No specific data.  
**Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
**Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**General** : No known significant effects or critical hazards.

## Section 11. Toxicological information

<b>Carcinogenicity</b>	: No known significant effects or critical hazards.
<b>Mutagenicity</b>	: No known significant effects or critical hazards.
<b>Teratogenicity</b>	: No known significant effects or critical hazards.
<b>Developmental effects</b>	: No known significant effects or critical hazards.
<b>Fertility effects</b>	: No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Not available.

## Section 12. Ecological information

### Toxicity

Not available.

### Persistence and degradability

Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

<b>Soil/water partition coefficient (<math>K_{oc}</math>)</b>	: Not available.
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<b>Other adverse effects</b>	: No known significant effects or critical hazards.
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## Section 13. Disposal considerations

<b>Disposal methods</b>	: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
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## Section 14. Transport information

	<b>DOT Classification</b>	<b>TDG Classification</b>	<b>Mexico Classification</b>	<b>IATA</b>	<b>IMDG</b>
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-	-	-
<b>Transport hazard class(es)</b>	-	-	-	-	-
<b>Packing group</b>	-	-	-	-	-
<b>Environmental hazards</b>	No.	No.	No.	No.	No.
<b>Additional information</b>	-	-	-	-	-

**Special precautions for user :** Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according to IMO instruments :** Not available.

**Proper shipping name :** Not available.

## Section 15. Regulatory information

**TSCA 5(a)2 proposed significant new use rules:** 2-Methyl-4-isothiazolin-3-one;  
5-Chloro-2-methylisothiazolinone

### SARA 313

SARA 313 (40 CFR 372.45) supplier notification can be found on the Environmental Data Sheet.

### California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### International regulations

#### **International lists**

**: Australia inventory (AII):** Not determined.  
**China inventory (IECSC):** Not determined.  
**Japan inventory (CSCL):** Not determined.  
**Japan inventory (ISHL):** Not determined.  
**Korea inventory (KECI):** Not determined.  
**New Zealand Inventory of Chemicals (NZIoC):** Not determined.  
**Philippines inventory (PICCS):** Not determined.  
**Taiwan Chemical Substances Inventory (TCSI):** Not determined.

## Section 15. Regulatory information

Thailand inventory: Not determined.

Turkey inventory: Not determined.

Vietnam inventory: Not determined.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health	/	3
Flammability		0
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### Procedure used to derive the classification

Classification	Justification
SKIN CORROSION/IRRITATION - Category 2	Calculation method
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A	Calculation method

### History

**Date of printing** : 11/28/2022

**Date of issue/Date of revision** : 11/28/2022

**Date of previous issue** : 10/7/2022

**Version** : 17.02

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is

## Section 16. Other information

responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.


# SAFETY DATA SHEET

B53T2254

## Section 1. Identification

<b>Product name</b>	: PRO INDUSTRIAL™ Waterbased Alkyd Urethane Low Sheen Ultradeep Base
<b>Product code</b>	: B53T2254
<b>Other means of identification</b>	: Not available.
<b>Product type</b>	: Liquid.
<b><u>Relevant identified uses of the substance or mixture and uses advised against</u></b>	
Paint or paint related material.	
<b>Manufacturer</b>	: THE SHERWIN-WILLIAMS COMPANY 101 W. Prospect Avenue Cleveland, OH 44115
<b>Emergency telephone number of the company</b>	: US / Canada: (800) 424-9300 Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year
<b>Product Information Telephone Number</b>	: US / Canada: (800) 524-5979 Mexico: Not Available
<b>Regulatory Information Telephone Number</b>	: US / Canada: (216) 566-2902 Mexico: Not Available
<b>Transportation Emergency Telephone Number</b>	: US / Canada: (800) 424-9300 Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

<b>OSHA/HCS status</b>	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
<b>Classification of the substance or mixture</b>	: SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1  Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 10.9% (oral), 10.9% (dermal), 10.9% (inhalation)
<b><u>GHS label elements</u></b>	
<b>Hazard pictograms</b>	: 
<b>Signal word</b>	: Danger
<b>Hazard statements</b>	: Causes damage to organs through prolonged or repeated exposure. (lungs)
<b><u>Precautionary statements</u></b>	
<b>Prevention</b>	: Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.
<b>Response</b>	: Get medical advice or attention if you feel unwell.

## Section 2. Hazards identification

- Storage** : Not applicable.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **FOR INDUSTRIAL USE ONLY.**
- This product contains a Significant New Use Rule (SNUR) Chemical. Do not allow this product to enter drains, sewers, wastewater treatment systems, groundwater, streams, lakes or ponds. See Environmental Data Sheet (EDS) for additional details.
- Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
- Hazards not otherwise classified** : **DANGER:** Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Not available.

### CAS number/other identifiers

Ingredient name	% by weight	CAS number
Kaolin	≥10 - ≤25	1332-58-7
Amorphous Silica	≤3	7631-86-9

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention following exposure or if feeling unwell.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention following exposure or if feeling unwell. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention following exposure or if feeling unwell. Wash clothing before reuse. Clean shoes thoroughly before reuse.

## Section 4. First aid measures

- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention following exposure or if feeling unwell. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.  
**Specific treatments** : No specific treatment.  
**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.  
**Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
metal oxide/oxides

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

- Environmental precautions** : **This product contains a Significant New Use Rule (SNUR) Chemical. Do not allow this product to enter drains, sewers, wastewater treatment systems, groundwater, streams, lakes or ponds. See Environmental Data Sheet (EDS) for additional details.**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Kaolin	1332-58-7	<b>ACGIH TLV (United States, 1/2022).</b> TWA: 2 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction <b>NIOSH REL (United States, 10/2020).</b> TWA: 5 mg/m <sup>3</sup> 10 hours. Form: Respirable fraction TWA: 10 mg/m <sup>3</sup> 10 hours. Form: Total <b>OSHA PEL (United States, 5/2018).</b> TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust
Amorphous Silica	7631-86-9	<b>NIOSH REL (United States, 10/2020).</b> <b>[SILICA, AMORPHOUS]</b> TWA: 6 mg/m <sup>3</sup> 10 hours.

#### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Kaolin	1332-58-7	<b>CA Alberta Provincial (Canada, 6/2018).</b> 8 hrs OEL: 2 mg/m <sup>3</sup> 8 hours. Form: Respirable <b>CA British Columbia Provincial (Canada, 3/2022).</b> TWA: 2 mg/m <sup>3</sup> 8 hours. Form: Respirable <b>CA Quebec Provincial (Canada, 6/2021).</b> TWAEL: 2 mg/m <sup>3</sup> 8 hours. Form: Respirable dust. <b>CA Ontario Provincial (Canada, 6/2019).</b> TWA: 2 mg/m <sup>3</sup> 8 hours. Form: Respirable particulate matter. <b>CA Saskatchewan Provincial (Canada, 7/2013).</b> STEL: 4 mg/m <sup>3</sup> 15 minutes. Form: respirable fraction TWA: 2 mg/m <sup>3</sup> 8 hours. Form: respirable fraction

#### Occupational exposure limits (Mexico)

	CAS #	Exposure limits
None.		

### Appropriate engineering controls

: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

### Environmental exposure controls

: **This product contains a Significant New Use Rule (SNUR) Chemical. Do not allow this product to enter drains, sewers, wastewater treatment systems, groundwater, streams, lakes or ponds. See Environmental Data Sheet (EDS) for additional details.**

## Section 8. Exposure controls/personal protection

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

- Physical state** : Liquid.
- Color** : Not available.
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : 8.5
- Melting point/freezing point** : Not available.
- Boiling point, initial boiling point, and boiling range** : 100°C (212°F)
- Flash point** : Closed cup: Not applicable.
- Evaporation rate** : 0.09 (butyl acetate = 1)
- Flammability** : Not available.
- Lower and upper explosion limit/flammability limit** : Not available.
- Vapor pressure** : 2.3 kPa (17.5 mm Hg)

## Section 9. Physical and chemical properties

**Relative vapor density** : 1 [Air = 1]

**Relative density** : 1.1

**Solubility(ies)** :

Media	Result
cold water	Partially soluble

**Partition coefficient: n-octanol/water** : Not applicable.

**Auto-ignition temperature** : Not available.

**Decomposition temperature** : Not available.

**Viscosity** : Kinematic (40°C (104°F)): >20.5 mm<sup>2</sup>/s (>20.5 cSt)

**Molecular weight** : Not applicable.

### Aerosol product

**Heat of combustion** : 0.492 kJ/g

## Section 10. Stability and reactivity

**Reactivity** : No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** : The product is stable.

**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** : No specific data.

**Incompatible materials** : No specific data.

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Not available.

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Amorphous Silica	Eyes - Mild irritant	Rabbit	-	24 hours 25 mg	-

#### Sensitization

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

#### Classification

## Section 11. Toxicological information

Product/ingredient name	OSHA	IARC	NTP
Amorphous Silica	-	3	-

### Reproductive toxicity

Not available.

### Teratogenicity

Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Kaolin	Category 1	inhalation	lungs

### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Not available.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**General** : Causes damage to organs through prolonged or repeated exposure.  
**Carcinogenicity** : No known significant effects or critical hazards.  
**Mutagenicity** : No known significant effects or critical hazards.

## Section 11. Toxicological information

**Teratogenicity** : No known significant effects or critical hazards.

**Developmental effects** : No known significant effects or critical hazards.

**Fertility effects** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Not available.

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
Amorphous Silica	Acute EC50 2.2 g/L Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Chronic NOEC 12.5 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	21 days

### Persistence and degradability

Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : **This product contains a Significant New Use Rule (SNUR) Chemical. Do not allow this product to enter drains, sewers, wastewater treatment systems, groundwater, streams, lakes or ponds. See Environmental Data Sheet (EDS) for additional details.**

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-	-
Transport hazard class(es)	-	-	-	-	-
Packing group	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.
Additional information	-	-	-	-	-

**Special precautions for user :** Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according to IMO instruments :** Not available.

**Proper shipping name :** Not available.

## Section 15. Regulatory information

**U.S. Federal regulations :** TSCA 5(a)2 proposed significant new use rules: 2-Methyl-4-isothiazolin-3-one; 5-Chloro-2-methylisothiazolinone

**TSCA 5(a)2 final significant new use rules:** Sodium Nitrite

[List name](#)

[Chemical name](#)

[Notes](#)

United States - TSCA 5(a)  
2 - Final significant new use rules

This product contains a Significant New Use Rule (SNUR) Chemical. Do not allow this product to enter drains, sewers, wastewater treatment systems, groundwater, streams, lakes or ponds. See Environmental Data Sheet (EDS) for additional details.

### [SARA 313](#)

SARA 313 (40 CFR 372.45) supplier notification can be found on the Environmental Data Sheet.

### [California Prop. 65](#)

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### [International regulations](#)

## Section 15. Regulatory information

### International lists

: **Australia inventory (AIIIC)**: Not determined.  
: **China inventory (IECSC)**: Not determined.  
: **Japan inventory (CSCL)**: Not determined.  
: **Japan inventory (ISHL)**: Not determined.  
: **Korea inventory (KECI)**: Not determined.  
: **New Zealand Inventory of Chemicals (NZIoC)**: Not determined.  
: **Philippines inventory (PICCS)**: Not determined.  
: **Taiwan Chemical Substances Inventory (TCSI)**: Not determined.  
: **Thailand inventory**: Not determined.  
: **Turkey inventory**: Not determined.  
: **Vietnam inventory**: Not determined.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health	*	3
Flammability		0
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### Procedure used to derive the classification

Classification	Justification
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1	Calculation method

### History

**Date of printing** : 11/24/2022

**Date of issue/Date of revision** : 11/24/2022

**Date of previous issue** : 6/19/2022

**Version** : 15

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

Indicates information that has changed from previously issued version.

### Notice to reader

## Section 16. Other information

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.


# SAFETY DATA SHEET

A15T5

## Section 1. Identification

<b>Product name</b>	: WOODSCAPES® Semi-Transparent Polyurethane Exterior House Stain Clear Base
<b>Product code</b>	: A15T5
<b>Other means of identification</b>	: Not available.
<b>Product type</b>	: Liquid.
<b><u>Relevant identified uses of the substance or mixture and uses advised against</u></b>	
Paint or paint related material.	
<b>Manufacturer</b>	: THE SHERWIN-WILLIAMS COMPANY 101 W. Prospect Avenue Cleveland, OH 44115
<b>Emergency telephone number of the company</b>	: US / Canada: (800) 424-9300 Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year
<b>Product Information Telephone Number</b>	: US / Canada: 1-800-474-3794 Mexico: Not Available
<b>Regulatory Information Telephone Number</b>	: US / Canada: (216) 566-2902 Mexico: Not Available
<b>Transportation Emergency Telephone Number</b>	: US / Canada: (800) 424-9300 Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

<b>OSHA/HCS status</b>	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
<b>Classification of the substance or mixture</b>	: SKIN SENSITIZATION - Category 1 TOXIC TO REPRODUCTION - Category 1B SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 4.1% (dermal), 4.1% (inhalation)
<b><u>GHS label elements</u></b>	
<b>Hazard pictograms</b>	: 
<b>Signal word</b>	: Danger
<b>Hazard statements</b>	: May cause an allergic skin reaction. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. (lungs)
<b><u>Precautionary statements</u></b>	
<b>General</b>	: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

## Section 2. Hazards identification

- Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.
- Response** : IF exposed or concerned: Get medical advice or attention. Wash contaminated clothing before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention.
- Storage** : Store locked up.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.  
Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
- Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Not available.

### CAS number/other identifiers

Ingredient name	% by weight	CAS number
Ethylene Glycol	≤5	107-21-1
Talc	≤3	14807-96-6
1-Methyl-2-Pyrrolidone	<1	872-50-4
3-Iodo-2-propynyl Butyl Carbamate	<1	55406-53-6
UV Light Absorber	≤0.3	104810-48-2
Benzotriazole Hydroxyphenyl Polymer	≤0.3	104810-47-1

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention following exposure or if feeling unwell.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

## Section 4. First aid measures

- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : May cause an allergic skin reaction.  
**Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.  
**Inhalation** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations  
**Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations  
**Ingestion** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.  
**Specific treatments** : No specific treatment.  
**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.  
**Unsuitable extinguishing media** : None known.

## Section 5. Fire-fighting measures

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides
- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

## Section 7. Handling and storage

### Advice on general occupational hygiene

: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

### Conditions for safe storage, including any incompatibilities

: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Ethylene Glycol	107-21-1	<b>ACGIH TLV (United States, 1/2022).</b> STEL: 10 mg/m <sup>3</sup> 15 minutes. Form: Inhalable fraction. Aerosol only. STEL: 50 ppm 15 minutes. Form: Vapor fraction TWA: 25 ppm 8 hours. Form: Vapor fraction
Talc	14807-96-6	<b>NIOSH REL (United States, 10/2020).</b> TWA: 2 mg/m <sup>3</sup> 10 hours. Form: Respirable fraction <b>ACGIH TLV (United States, 1/2022).</b> TWA: 2 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction
1-Methyl-2-Pyrrolidone	872-50-4	<b>OARS WEEL (United States, 1/2021).</b> <b>Absorbed through skin.</b> TWA: 15 ppm 8 hours. STEL: 120 mg/m <sup>3</sup> 15 minutes. STEL: 30 ppm 15 minutes. TWA: 60 mg/m <sup>3</sup> 8 hours.
3-iodo-2-propynyl butylcarbamate	55406-53-6	None.
UV Light Absorber	104810-48-2	None.
Benzotriazole Hydroxyphenyl Polymer	104810-47-1	None.

#### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Ethylene glycol	107-21-1	<b>CA Ontario Provincial (Canada, 6/2019).</b> Ceiling Limit: 10 mg/m <sup>3</sup> Form: Inhalable particulate matter, aerosol only STEL: 50 ppm 15 minutes. Form: Vapour fraction. TWA: 25 ppm 8 hours. Form: Vapour fraction. <b>CA British Columbia Provincial (Canada, 3/2022). [ethylene glycol]</b> TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Total, Aerosol STEL: 20 mg/m <sup>3</sup> 15 minutes. Form: Total, Aerosol

## Section 8. Exposure controls/personal protection

		<p>C: 100 mg/m<sup>3</sup> Form: Total, Aerosol C: 50 ppm Form: Vapour <b>CA Saskatchewan Provincial (Canada, 7/2013).</b> CEIL: 100 mg/m<sup>3</sup> Form: aerosol <b>CA Alberta Provincial (Canada, 6/2018).</b> C: 100 mg/m<sup>3</sup> <b>CA Quebec Provincial (Canada, 6/2021).</b> STEV: 50 ppm 15 minutes. Form: vapour and mist STEV: 127 mg/m<sup>3</sup> 15 minutes. Form: vapour and mist</p>
talc (none asbestiform)	14807-96-6	<p><b>CA British Columbia Provincial (Canada, 3/2022).</b> TWA: 2 mg/m<sup>3</sup> 8 hours. Form: Respirable <b>CA Quebec Provincial (Canada, 6/2021).</b> TWA: 2 mg/m<sup>3</sup> 8 hours. Form: Respirable dust. <b>CA Alberta Provincial (Canada, 6/2018).</b> 8 hrs OEL: 2 mg/m<sup>3</sup> 8 hours. Form: Respirable particulate <b>CA Ontario Provincial (Canada, 6/2019).</b> TWA: 2 mg/m<sup>3</sup> 8 hours. Form: Respirable particulate matter. TWA: 2 f/cc 8 hours. <b>CA Saskatchewan Provincial (Canada, 7/2013).</b> TWA: 2 mg/m<sup>3</sup> 8 hours. Form: respirable fraction</p>
N-Methyl pyrrolidone	872-50-4	<p><b>CA Ontario Provincial (Canada, 6/2019).</b> TWA: 400 mg/m<sup>3</sup> 8 hours.</p>
Kaolin	1332-58-7	<p><b>CA Alberta Provincial (Canada, 6/2018).</b> 8 hrs OEL: 2 mg/m<sup>3</sup> 8 hours. Form: Respirable <b>CA British Columbia Provincial (Canada, 3/2022).</b> TWA: 2 mg/m<sup>3</sup> 8 hours. Form: Respirable <b>CA Quebec Provincial (Canada, 6/2021).</b> TWA: 2 mg/m<sup>3</sup> 8 hours. Form: Respirable dust. <b>CA Ontario Provincial (Canada, 6/2019).</b> TWA: 2 mg/m<sup>3</sup> 8 hours. Form: Respirable particulate matter. <b>CA Saskatchewan Provincial (Canada, 7/2013).</b> STEL: 4 mg/m<sup>3</sup> 15 minutes. Form: respirable fraction TWA: 2 mg/m<sup>3</sup> 8 hours. Form: respirable fraction</p>

### Occupational exposure limits (Mexico)

	CAS #	Exposure limits
ethanediol	107-21-1	<p><b>NOM-010-STPS-2014 (Mexico, 4/2016).</b> CEIL: 100 mg/m<sup>3</sup> Form: Only AEROSOL</p>

## Section 8. Exposure controls/personal protection

- Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

- Physical state** : Liquid.
- Color** : Not available.
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : 9.5
- Melting point/freezing point** : Not available.
- Boiling point, initial boiling point, and boiling range** : 100°C (212°F)
- Flash point** : Closed cup: Not applicable.
- Evaporation rate** : 0.09 (butyl acetate = 1)

## Section 9. Physical and chemical properties

<b>Flammability</b>	: Not available.
<b>Lower and upper explosion limit/flammability limit</b>	: Lower: 3.2% Upper: 15.3%
<b>Vapor pressure</b>	: 2.3 kPa (17.5 mm Hg)
<b>Relative vapor density</b>	: 1 [Air = 1]
<b>Relative density</b>	: 1.02
<b>Solubility(ies)</b>	: Not available.
<b>Partition coefficient: n-octanol/water</b>	: Not applicable.
<b>Auto-ignition temperature</b>	: Not available.
<b>Decomposition temperature</b>	: Not available.
<b>Viscosity</b>	: Kinematic (40°C (104°F)): >20.5 mm²/s (>20.5 cSt)
<b>Molecular weight</b>	: Not applicable.
<b>Aerosol product</b>	
<b>Heat of combustion</b>	: 1.778 kJ/g

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: No specific data.
<b>Incompatible materials</b>	: No specific data.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Ethylene Glycol	LD50 Oral	Rat	4700 mg/kg	-
1-Methyl-2-Pyrrolidone	LD50 Dermal	Rabbit	8 g/kg	-
	LD50 Oral	Rat	3914 mg/kg	-
3-iodo-2-propynyl butylcarbamate	LD50 Oral	Rat	1470 mg/kg	-

#### Irritation/Corrosion

## Section 11. Toxicological information

Product/ingredient name	Result	Species	Score	Exposure	Observation
Ethylene Glycol	Eyes - Mild irritant	Rabbit	-	1 hours 100 mg	-
	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Eyes - Moderate irritant	Rabbit	-	6 hours 1440 mg	-
	Skin - Mild irritant	Rabbit	-	555 mg	-
Talc	Skin - Mild irritant	Human	-	72 hours 300 ug l	-
1-Methyl-2-Pyrrolidone	Eyes - Moderate irritant	Rabbit	-	100 mg	-

### Sensitization

Not available.

### Mutagenicity

Not available.

### Carcinogenicity

Not available.

### Classification

Product/ingredient name	OSHA	IARC	NTP
Talc	-	3	-

### Reproductive toxicity

Not available.

### Teratogenicity

Not available.

### Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Ethylene Glycol	Category 3	-	Respiratory tract irritation
1-Methyl-2-Pyrrolidone	Category 3 Category 3	-	Narcotic effects Respiratory tract irritation

### Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Ethylene Glycol	Category 2	-	-
Talc	Category 1	inhalation	lungs
3-iodo-2-propynyl butylcarbamate	Category 1	-	larynx

### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Not available.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards.

## Section 11. Toxicological information

- Skin contact** : May cause an allergic skin reaction.
- Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : No specific data.
- Inhalation** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

#### Long term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

#### Potential chronic health effects

Not available.

- General** : Causes damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : May damage the unborn child.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Route	ATE value
Oral	12125.74 mg/kg

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
Ethylene Glycol	Acute LC50 6900000 µg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 41000 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
1-Methyl-2-Pyrrolidone	Acute LC50 8050000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Acute LC50 1.23 ppm Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 832 ppm Fresh water	Fish - Lepomis macrochirus	96 hours
3-iodo-2-propynyl butylcarbamate	Acute LC50 500 ppb Fresh water	Crustaceans - Hyalella azteca	48 hours
	Acute LC50 40 ppb Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 67 µg/l Fresh water	Fish - Oncorhynchus mykiss - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
	Chronic NOEC 8.4 ppb	Fish - Pimephales promelas	35 days

### Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Ethylene Glycol	-	-	Readily

### Bioaccumulative potential

Not available.

### Mobility in soil

Soil/water partition coefficient ( $K_{oc}$ ) : Not available.

Other adverse effects : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	<b>DOT Classification</b>	<b>TDG Classification</b>	<b>Mexico Classification</b>	<b>IATA</b>	<b>IMDG</b>
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-	-	-
<b>Transport hazard class(es)</b>	-	-	-	-	-
<b>Packing group</b>	-	-	-	-	-
<b>Environmental hazards</b>	No.	No.	No.	No.	No.
<b>Additional information</b>	-	-	-	-	-

**Special precautions for user :** Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according  
to IMO instruments :** Not available.

**Proper shipping name :** Not available.

## Section 15. Regulatory information

**TSCA 5(a)2 proposed significant new use rules:** 1-Methyl-2-Pyrrolidone; 5-Chloro-2-methylisothiazolinone; 2-Methyl-4-isothiazolin-3-one

### SARA 313

SARA 313 (40 CFR 372.45) supplier notification can be found on the Environmental Data Sheet.

### California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### International regulations

#### **International lists**

**: Australia inventory (AII):** Not determined.  
**China inventory (IECSC):** Not determined.  
**Japan inventory (CSCL):** Not determined.  
**Japan inventory (ISHL):** Not determined.  
**Korea inventory (KECI):** Not determined.  
**New Zealand Inventory of Chemicals (NZIoC):** Not determined.  
**Philippines inventory (PICCS):** Not determined.  
**Taiwan Chemical Substances Inventory (TCSI):** Not determined.

## Section 15. Regulatory information

Thailand inventory: Not determined.

Turkey inventory: Not determined.

Vietnam inventory: Not determined.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health	*	3
Flammability		0
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

#### Procedure used to derive the classification

Classification	Justification
SKIN SENSITIZATION - Category 1	Calculation method
TOXIC TO REPRODUCTION - Category 1B	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1	Calculation method

#### History

Date of printing : 11/25/2022

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Date of previous issue : 7/19/2022

Version : 19

Key to abbreviations : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

Indicates information that has changed from previously issued version.

#### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is

## Section 16. Other information

responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

# SAFETY DATA SHEET

B28W8030

## Section 1. Identification

**Product name** : PVA Interior Latex Drywall Primer & Sealer  
White

**Product code** : B28W8030

**Other means of identification** : Not available.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**

Paint or paint related material.

**Manufacturer** : THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

**Emergency telephone number of the company** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

**Product Information Telephone Number** : US / Canada: 1-800-474-3794  
Mexico: Not Available

**Regulatory Information Telephone Number** : US / Canada: (216) 566-2902  
Mexico: Not Available

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : CARCINOGENICITY - Category 2

**GHS label elements**

**Hazard pictograms** :



**Signal word** : Warning

**Hazard statements** : Suspected of causing cancer.

**Precautionary statements**

**General** : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection.

**Response** : IF exposed or concerned: Get medical advice or attention.

## Section 2. Hazards identification

- Storage** : Store locked up.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
- Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
- Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Not available.

### CAS number/other identifiers

Ingredient name	% by weight	CAS number
Titanium Dioxide	≤10	13463-67-7
Heavy Paraffinic Oil	≤0.3	64742-65-0

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.

## Section 4. First aid measures

- Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

### Over-exposure signs/symptoms

- Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.  
**Specific treatments** : No specific treatment.  
**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.  
**Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.  
**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** :

## Section 6. Accidental release measures

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Titanium Dioxide	13463-67-7	<b>OSHA PEL (United States, 5/2018).</b> TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust <b>ACGIH TLV (United States, 1/2022).</b> TWA: 2.5 mg/m <sup>3</sup> 8 hours. Form: respirable fraction, finescale particles
Heavy Paraffinic Oil	64742-65-0	<b>OSHA PEL (United States, 5/2018). [Oil mist, mineral]</b> TWA: 5 mg/m <sup>3</sup> 8 hours.

## Section 8. Exposure controls/personal protection

		<b>ACGIH TLV (United States, 1/2022).</b> <b>[Mineral Oil, pure, highly and severely refined]</b> TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Inhalable fraction <b>NIOSH REL (United States, 10/2020). [OIL MIST MINERAL]</b> TWA: 5 mg/m <sup>3</sup> 10 hours. Form: Mist STEL: 10 mg/m <sup>3</sup> 15 minutes. Form: Mist
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### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Titanium dioxide	13463-67-7	<b>CA British Columbia Provincial (Canada, 3/2022).</b> TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Total dust TWA: 3 mg/m <sup>3</sup> 8 hours. Form: respirable fraction <b>CA Quebec Provincial (Canada, 6/2021).</b> TWAEV: 10 mg/m <sup>3</sup> 8 hours. Form: Total dust. <b>CA Alberta Provincial (Canada, 6/2018).</b> 8 hrs OEL: 10 mg/m <sup>3</sup> 8 hours. <b>CA Ontario Provincial (Canada, 6/2019).</b> TWA: 10 mg/m <sup>3</sup> 8 hours. <b>CA Saskatchewan Provincial (Canada, 7/2013).</b> STEL: 20 mg/m <sup>3</sup> 15 minutes. TWA: 10 mg/m <sup>3</sup> 8 hours.

### Occupational exposure limits (Mexico)

	CAS #	Exposure limits
None.		

#### **Appropriate engineering controls**

: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

#### **Environmental exposure controls**

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

#### **Hygiene measures**

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### **Eye/face protection**

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

#### Skin protection

## Section 8. Exposure controls/personal protection

- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

- Physical state** : Liquid.
- Color** : Not available.
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : 9.4
- Melting point/freezing point** : Not available.
- Boiling point, initial boiling point, and boiling range** : 100°C (212°F)
- Flash point** : Closed cup: Not applicable.
- Evaporation rate** : 0.09 (butyl acetate = 1)
- Flammability** : Not available.
- Lower and upper explosion limit/flammability limit** : Not available.
- Vapor pressure** : 2.3 kPa (17.5 mm Hg)
- Relative vapor density** : 1 [Air = 1]
- Relative density** : 1.21
- Solubility(ies)** :

Media	Result
cold water	Partially soluble

- Partition coefficient: n-octanol/water** : Not applicable.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : Kinematic (40°C (104°F)): >20.5 mm<sup>2</sup>/s (>20.5 cSt)
- Molecular weight** : Not applicable.
- Aerosol product**

## Section 9. Physical and chemical properties

**Heat of combustion** : 0.458 kJ/g

## Section 10. Stability and reactivity

**Reactivity** : No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** : The product is stable.

**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** : No specific data.

**Incompatible materials** : No specific data.

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Heavy Paraffinic Oil	LD50 Dermal LD50 Oral	Rabbit Rat	>5000 mg/kg >5000 mg/kg	- -

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Titanium Dioxide	Skin - Mild irritant	Human	-	72 hours 300 ug l	-

#### Sensitization

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

#### Classification

Product/ingredient name	OSHA	IARC	NTP
Titanium Dioxide	-	2B	-

#### Reproductive toxicity

Not available.

#### Teratogenicity

Not available.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

## Section 11. Toxicological information

Not available.

### Aspiration hazard

Name	Result
Heavy Paraffinic Oil	ASPIRATION HAZARD - Category 1

**Information on the likely routes of exposure** : Not available.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**General** : No known significant effects or critical hazards.  
**Carcinogenicity** : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.  
**Mutagenicity** : No known significant effects or critical hazards.  
**Teratogenicity** : No known significant effects or critical hazards.  
**Developmental effects** : No known significant effects or critical hazards.  
**Fertility effects** : No known significant effects or critical hazards.


### Numerical measures of toxicity

#### Acute toxicity estimates

Not available.

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
Titanium Dioxide	Acute LC50 >1000000 µg/l Marine water	Fish - Fundulus heteroclitus	96 hours 

### Persistence and degradability

Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-	-
Transport hazard class(es)	-	-	-	-	-
Packing group	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.
Additional information	-	-	-	-	-

## Section 14. Transport information

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**Special precautions for user** : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according to IMO instruments** : Not available.

**Proper shipping name** : Not available.

## Section 15. Regulatory information

**TSCA 5(a)2 proposed significant new use rules:** 2-Methyl-4-isothiazolin-3-one;  
5-Chloro-2-methylisothiazolinone

### [SARA 313](#)

SARA 313 (40 CFR 372.45) supplier notification can be found on the Environmental Data Sheet.

### [California Prop. 65](#)

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### [International regulations](#)

#### **International lists**

: **Australia inventory (AIIIC):** Not determined.  
**China inventory (IECSC):** Not determined.  
**Japan inventory (CSCL):** Not determined.  
**Japan inventory (ISHL):** Not determined.  
**Korea inventory (KECI):** Not determined.  
**New Zealand Inventory of Chemicals (NZIoC):** Not determined.  
**Philippines inventory (PICCS):** Not determined.  
**Taiwan Chemical Substances Inventory (TCSI):** Not determined.  
**Thailand inventory:** Not determined.  
**Turkey inventory:** Not determined.  
**Vietnam inventory:** Not determined.

## Section 16. Other information

### [Hazardous Material Information System \(U.S.A.\)](#)

Health	*	0
Flammability		0
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

## Section 16. Other information

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### Procedure used to derive the classification

Classification	Justification
CARCINOGENICITY - Category 2	Calculation method

### History

**Date of printing** : 12/6/2022

**Date of issue/Date of revision** : 12/6/2022

**Date of previous issue** : 7/15/2022

**Version** : 3.02

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.



## TECHNICAL BULLETIN

## NichiProducts™ Care and Maintenance

This document is intended as a homeowner quick reference guide for the basic maintenance and care of NichiProducts. Because Nichiha fiber cement products are very durable, proper installation following all requirements will help ensure a minimum amount of maintenance issues. Detailed installation information is available via [nichiha.com/resources/installation](http://nichiha.com/resources/installation) or 1.86.NICHHA.1.

**Paint:** All unfinished (pre-primed) products must be painted within 12 months of installation. Exterior grade 100% acrylic latex paints are recommended. Follow the paint manufacturer's instructions for use, care, and future repainting. Do not use stain or oil based paints.

**Field Cut Edges:** All exposed field cut edges, such as outside edges, field cut butt joints, cuts around doors and windows, or bottom ends of corners and window trim, must be coated with primer, paint, or sealant.

**Dents/Chips/Scratches:** Any minor surface damage to NichiProducts must be patched with exterior grade cementitious patching or putty. Follow the product instructions.

**Sealant:** Use an exterior grade high-quality sealant (caulk) that complies with either ASTM C-834 or ASTM C-920 for all gaps that require sealant. When replacing caulk in the future, carefully remove the old caulk first and then follow the manufacturer's instructions and Nichiha's requirements.

**Cleaning:** Wash down exterior surfaces at least every 12 months to remove any dirt and debris. DO NOT use high-pressure power washers which may damage fiber cement. A mild household detergent and soft bristle brush or cloth may be used if needed. Rinse with clean water from a standard garden hose. For mildew removal, consult your paint manufacturer's instructions prior to the use of commercial mold and mildew cleaners.

**Gutters:** Ensure that gutters and downspouts are kept clear to prevent overflow onto or behind the siding.

**Vegetation:** A one foot clearance between plants/vegetation and the siding is recommended. Prune back plants that are too close to or touching the building.

**Ground Clearance:** Ensure the minimum required ground clearance of 6" is maintained by preventing build up of decorative mulch, stone, etc.

**Loose Product or Replacement:** See detailed installation instructions for fastener and fastening requirements.