

MANUFACTURER:

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DESCRIPTION

MasonrySaver VOC Compliant Solvent-Base Water Repellent is a penetrating, V.O.C. compliant water repellent that contains a proprietary modified siloxane in a mineral spirits carrier. The modified siloxane penetrates masonry up to 1/4 inch or more depending on surface porosity and moisture content at the time of application.

MasonrySaver VOC Compliant Solvent-Base Water Repellent reacts with the minerals in masonry in the presence of ultraviolet light and atmospheric moisture. This reaction forms strong permanent bonds beneath the surface and creates a hydrophobic zone that prevents water molecules from penetrating, while allowing free migration of water vapors. The chemical bonds formed in this process allow MasonrySaver VOC Compliant Solvent-Base Water Repellent to become an integral part of the substrate and provide long term water repellent protection.

USES

MasonrySaver VOC Compliant Solvent-Base Water Repellent protects most vertical and horizontal exterior, above-grade masonry surfaces including: adobe; architectural concrete, precast or cast-in-place; clay brick; mortars; natural stone; limestone; granite; sandstone; terra cotta; exposed aggregate products; Portland cement stuccos; and concrete masonry units.

Natural substrate color and surface textures are unaffected, with little or no gloss created. Slight darkening may occur on dense surfaces. Testing is recommended before treating any surface to ensure desired results.

Surfaces treated with MasonrySaver VOC Compliant Solvent-Base Water Repellent may be painted with a high quality oil-based paint. Testing is always necessary to ensure adhesion and compatibility.

ADVANTAGES

- 7 Year Warranty
- Non-Glossy
- 100% Vapor Permeable
- Efflorescence/Stain Protection
- Protection from Acid Rain and Waterborne Chemicals
- Mildew/Fungus Resistant
- Freeze-Thaw Protection

DIRECTIONS FOR USE

Before use, read all directions for preparation, application, and safety information.

Always test each type of surface before application for suitability and desired results before proceeding with general application.

Weather Conditions: Surface and air temperatures should be a minimum of 40°F and a maximum of 100° F for three hours following application. Do not apply to frozen or frost covered surfaces. Do not apply to wet or water saturated surfaces, or when rainfall is expected within six hours unless adequate protection with a polyethylene film, or its equivalent, is provided.

Limitations: Do not use on asphalt-based material and surfaces. Do not apply to painted or glazed brick or tiles. This product is not intended for interior use or for resistance to hydrostatic pressures.

Surface Preparation: Application must be to clean, structurally sound, and dry surfaces. Remove dust, dirt, grease, oils, efflorescence, wax, curing compounds, coatings or other foreign matter that might block or interfere with product penetration. Cure new masonry a minimum of 28 days and wait at least 72 hours after repairs or tuck pointing before applying product. Test a small area of surface before starting general application to assure desired results and coverage rates. Make all necessary repairs, including defects, which allow water to enter the wall assembly such as: structural cracks, faulty roofing, copings, flashings, expansion joints, mortar joints and sealants.

Protect all adjacent glossy surfaces, paint films, windows, plant life, asphalt based material and all other non-targeted surfaces from overspray and run-down.

APPLICATION

Vertical: Agitate before using. Apply from bottom up using a low-pressure sprayer (10-25 psi) with a fan type nozzle or by roller with a minimum 3/8 inch nap. Flood surface until excess runs down six to eight inches below spray or roller pattern. For maximum penetration and desired coverage rates, a wet on wet application is recommended; retreat within three to five minutes after initial application. A wet treated surface may be agitated with a soft bristle scrub brush to ensure more even distribution and greater penetration. Remove overspray immediately with a dry rag or solvent wipe.

Horizontal: Agitate before using. Apply a single application with low pressure sprayer, or a deep nap roller so that surface remains wet for two to three minutes before final absorption. Avoid puddling or ponding; brush or broom to spread material until it thoroughly penetrates the surface. Block all drains and use absorptive coverings to contain run-off of excess material. Use a dry rag or solvent wipe to remove overspray as soon as possible.

Drying time: Two to six hours, depending on temperature and humidity.

Note: Over application of material may cause darkening of surface. Product will cause stains left on surface being treated to darken. Remove all stains before applying.

Coverage: Coverage rates will typically range from 90-150 sq. feet per gallon depending upon surface porosity. See coverage rate section.

CLEAN UP

Thoroughly rinse spray equipment with mineral spirits. Clean rollers with mineral spirits. Rinse thoroughly.

CAUTIONS

Keep out of reach of children. Contains petroleum distillates. Contains combustible liquid and vapor. May be harmful if inhaled. May cause eye and skin irritation. May be harmful if swallowed. May cause respiratory tract irritation. Keep away from heat and flame. Avoid contact with eyes, skin and clothing. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. Do not transfer to unlabeled containers. For outdoor use only. Prevent build-up of vapors. Do not smoke, extinguish all flames and pilot lights and turn off stove, heaters, non-explosion proof electrical equipment and other sources of ignition during use and until all vapors are gone. Avoid breathing of vapor or mist. Wear a NIOSH/MSHA approved respirator in accordance with OSHA Standard 29 CFR 1910, 134 (see your safety equipment supplier). Keep container closed when not in use. In case of fire, extinguish with foam, CO₂, or dry chemical, water fog or spray. In case of spillage, absorb and dispose of in accordance with local applicable regulations. Do not reuse this container.

Caution: Accumulation of product on ladders, scaffolding, etc. may result in a slippery surface.

FIRST AID

If swallowed: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

If inhaled: In all cases of doubt, or when symptoms persist, seek medical advice. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

For skin contact: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with plenty of soap and water. Wash contaminated clothing before reuse. Get medical advice/attention.

For eye contact: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

For additional information for this product, consult the Safety Data Sheet available at www.masonrysaver.com.

LIMITED WARRANTY

Our recommendations for use of this product are based upon tests believed to be reliable. Since field conditions vary widely, the user

must determine the suitability of the product for the particular use and specific method(s) of application. SaverSystems warrants that MasonrySaver VOC Compliant Solvent-Base Water Repellent will exhibit a water repellent effect on vertical surfaces for seven years from the date of application when properly applied according to label instructions and if minimum application requirements are met. This warranty does not cover pre-existent flaking, spalling, abrading, faulty construction and/or other defects which might erode treated surfaces. If water repellent fails to perform as specified, SaverSystems will furnish, as the sole remedy, enough water repellent to correct the condition. This warranty does not include labor, or the cost of labor for the re-application of water repellent. SaverSystems shall not be liable for incidental or consequential damages resulting from any breach of this warranty and fitness for use. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusions may not apply to you. This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

PACKAGING

Available in one-gallon metal containers.

TRANSPORT AND HANDLING

Transport should be in compliance with all regulations under the Department of Transportation (DOT). For help during transportation emergencies, call Chemtel, 1-800-255-3924 (24 hrs.). Storage should be in compliance with all local fire codes and regulations. Under environmental protection agency (EPA) regulations, it is a hazardous material. Under the Occupational Safety and Health Administration (OSHA), it is a combustible material. Do not stack pallets. Do not apply direct heat to containers. Do not store in temperatures greater than 100°F (38°C). Can be stored in unheated, ventilated areas.

MAINTENANCE

Remove all contaminants which might stain or abrade treated surfaces as quickly as possible to minimize staining or abrasion. Occasional cleaning with mild detergent and water will generally restore treated surfaces to original appearance.

PHYSICAL PROPERTIES

COLOR Clear
COMPOSITION Proprietary modified siloxane
SOLVENT VOC Compliant Blend
WEIGHT (6.55 #/gallon)
FLASH POINT 109° F (minimum temperature at which fuming is sufficient for ignition)
PENETRATION 1/16" - 1/4" (Depending on substrate)
VOC CONTENT 723 gr/ltr (6.03#/gallon) (EPA METHOD 24)
SHELF LIFE 36 months
YELLOWING None
SURFACE APPEARANCE AFTER APPLICATION Unchanged

TECHNICAL DATA

TEST RESULTS

ASTM C 67-91 Section 7 (96.9%) (Water absorption reduction)
ASTM C 140-91 (90.86%)
ASTM C 97-90 81.7% Federal Specification
SS-W-110-C-3.5 (92%)
Average absorption (Exceeds min. criteria by 41%)
OHD-L-35 (100%) (Water vapor permeable)
ASTM C 67-91 Section 10 Excellent, no efflorescence on treated specimens
ASTM G 53-88 (3000 hrs.) No loss in water repellency
ASTM E 514-86 (100%) Reduction in leakages

COVERAGE RATES

(Sq./Ft. per coat)

Brick Wall (porous) 100 - 150
Brick Wall (dense) 150 - 200
Concrete (normal) 75 - 125
Concrete Block (porous) 50 - 125
Stucco 75 - 150
Limestone/Sandstone 75 - 150