

PRODUCT NAME

ChimneySaver®
Solvent-Base
Water Repellent

MANUFACTURER

SaverSystems®
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DESCRIPTION

ChimneySaver Solvent-Base Water Repellent is a penetrating water repellent which contains a proprietary modified siloxane in a mineral spirits carrier. The modified siloxane penetrates most masonry and concrete pores and capillaries up to 1/4 inch or more depending on surface porosity and moisture content at the time of application.

ChimneySaver Solvent-Base Water Repellent reacts with the silica in concrete and 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 the product to become an integral part of the substrate and provide long-term water repellent protection.

USES

ChimneySaver Solvent-Base Water Repellent can be used on most vertical or 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 some adobe, limestone, or very dense surfaces. Testing is recommended before treating any surface to ensure desired results.**

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

BENEFITS

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

DIRECTIONS FOR USE

Surface and air temperatures should be a minimum of 40°F and a maximum of 100°F for three hours following application. This product is not suitable for use on asphalt surfaces. Do not apply to frozen or frost covered surfaces. Application must be to clean, sound, dry surfaces. Do not apply to wet or water saturated substrates and/or when rainfall is expected within 6 hours unless adequate protection with a polyethylene film, or its equivalent, is provided. Do not apply to painted or glazed brick or tiles. This product is not intended for interior use or for resistance to hydrostatic pressures.

Preparation: Surfaces to which ChimneySaver is applied must be dry and free from dirt, dust, stains, efflorescence, coatings or other foreign materials which might interfere with penetration of water repellent. Repair loose or missing mortar joints and allow 72 hours to cure before application of water

repellent. Repair and/or replace damaged masonry units. Allow new masonry and concrete to cure at least 28 days before applying water repellent.

Application: Vertical: Agitate before using. Test small area of surface before starting general application to assure desired results and coverage rates. Apply when surface and air temperatures are between 40°F to 100°F. Provide adequate ventilation.

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" 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 3 to 5 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.

Protect all adjacent glossy surfaces, paint films, windows, plant life, asphalt-based materials and all other non-targeted surfaces from overspray and run-down. Remove overspray from non-targeted surfaces immediately with a dry rag or solvent wipe.

Horizontal: Agitate before using. To ensure proper coverage, measure surface before treating and apply product with low pressure spray or deep nap roller. Pretest to measure material penetration rates. Apply a single flood coat using sufficient material so that the surface remains wet for a few minutes before final absorption occurs. Avoid puddling or ponding; brush or broom to spread material to more porous area. If applicable, block all drains and use absorptive coverings to contain run-off of excess material. To avoid unneces-

sary clean-up, use dry rag or solvent wipe to remove overspray as soon as possible. **Caution: Over-application of material may cause darkening of surface.**

Drying time: To touch, or 2 to 6 hours depending on temperature and humidity.

Clean-up: Thoroughly drain spray equipment and rinse nozzles with mineral spirits. Rinse rollers with mineral spirits.

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.

First Aid: In case of eye contact, flush with water for 15 minutes. Call a physician. For skin, flush with water. Wash clothing before reuse. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. For additional information, consult the Material Safety Data Sheet for this product.

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 ChimneySaver Solvent-Base Water Repellent will exhibit a water repellent effect for ten years from the date of application if 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 cor-

rect 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 exclusion 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 5, gallon recyclable plastic containers, and 30 and 55 gallon steel drums.

TRANSPORT AND STORAGE

Transport should be in compliance with all regulations under the Department of Transportation (DOT). For help during transportation emergencies, call CHEMTREC, 1-800-424-9300 (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.

PHYSICAL PROPERTIES	TECHNICAL DATA			COVERAGE RATES
	TEST	DESCRIPTION	RESULTS	
COLOR..... Clear	ASTM C 67-91 Section 7	% reduction in absorption on brick during immersion in water for 24 hours	96.9%	Brick Wall 100 - 150 Concrete Block 50 - 75 Concrete 75 - 150 Stucco 75 - 150 Limestone/Sandstone 75 - 150
COMPOSITION Proprietary modified siloxane	ASTM C 140-91	% reduction in absorption on 3000 psi concrete during immersion in water for 24 hours	90.86%	
SOLVENT Mineral Spirits	ASTM C 97-90	% reduction in absorption on Indiana limestone during immersion in water for 48 hours	81.7%	
SPECIFIC GRAVITY, AT 25° C 785	Federal Specification SS-W-110-C-3.5	% reduction in treated mortar cubes after immersion in water for 72 hours	92%	
WEIGHT 6.55 #/gallon	OHD-L-35	Water vapor permeable	100%	
FLASH POINT 140°F (Minimum temperature at which fuming is sufficient for ignition)	ASTM C 67-91 Section 10	Resistance to efflorescence	Excellent, no efflorescence on treated specimens	
PENETRATION 1/16" - 1/4" (depending on substrate)	ASTM G 53-88	Accelerated weathering (QUV) 3000 hours	No loss in water repellency	
VOC CONTENT (EPA METHOD 24). 723 gr/ltr (6.03 #/gallon)	ASTM 514-86	% reduction of leakage through masonry walls	100%	
SHELF LIFE 18-24 months in original sealed container				
YELLOWING None				
SURFACE APPEARANCE AFTER APPLICATION Unchanged				