

Product Information

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Protectosil®

Protectosil® CHEM-TRETE® PB VOC

Isobutyltrialkoxysilane With Activator

High performance water repellent for porous substrates. Available only in North America.

Chemical Formula

Proprietary Information.

Description

A clear, penetrating, breathable water repellent for use on concrete, brick, concrete masonry units, and some natural stones. Prevents water and water-borne contaminants from entering the substrate and causing premature deterioration.

Technical data

Property	Value	Unit	Method
color	water white	-	
active ingredient	alkyltrialkoxo silane	-	
active content	40	%	
solvent	denatured ethyl alcohol	-	
flash point	54	° F	
density	6.7	lbs./gal.	
VOC	max. 600	g/liter	

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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Reactivity

Protectosil® CHEM-TRETE® PB VOC penetrates into the substrate and chemically bonds with silica to form a permanent attachment of the water-repellent molecule. Protectosil® CHEM-TRETE® PB VOC will not adversely affect the appearance of the substrate and does not affect natural vapor transmission - the treated surface is fully breathable.

Applications

Protectosil® CHEM-TRETE® PB VOC is especially suited for porous substrates such as:

- concrete masonry units (split face, fluted or ground-faced blocks) can be protected from the ingress of wind-driven rain
- brick masonry, especially single width wall construction, can be treated to prevent moisture from entering and damaging interior walls
- concrete, to protect the reinforcing steel from corrosion due to water, deicing salts, and other water-borne chemicals
- precast concrete, to prevent leaching of minerals onto the surface of windows, window frames and other building components.

Processing

Concrete must be cured for a minimum of 28 days. Surfaces to be treated must be clean and dry. Protectosil® CHEM-TRETE® PB VOC may be applied with brush, roller or sprayer. Coverage rates depend on the nature of the surface to be treated. For more detailed information on how to apply Protectosil® CHEM-TRETE® PB VOC, please contact your local sales representative by calling (800) 828-0919.

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Registration

EINECS/ELINCS (EU):	not listed
AICS (Australia):	listed
DSL/NDSL (Canada):	not listed
PICCS (Phillipines):	listed
TSCA (USA):	listed
IECS (P.R. China):	listed
ENCS (Japan):	not listed
ECL (South Korea):	listed

Safety and Handling

Before considering the use of Protectosil® products please read its Material Safety Data sheet (MSDS) thoroughly for safety and toxicological data as well as for information on proper transportation, storage and use. The Material Safety Data Sheet is available after registration on our website www.protectosil.com or upon request from your local representative or customer service.

Packaging and Storage

Protectosil® CHEM-TRETE® PB VOC is available in 5 and 55 gallon drums.

Protectosil® CHEM-TRETE® PB VOC containers should be kept closed when not in use and stored at temperatures between 0°F and 120°F, away from rain and standing water.

Protectosil® CHEM-TRETE® PB VOC-EN-2007-12

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