

Name Protectosil CHEM-TRETE PB 100



Product ID  
Website www.protectosil.com Classification

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Description A clear, penetrating, breathable water repellent for use on exterior above-grade concrete masonry units, brick masonry and most natural stones. Provides resistance against water, alkali attack, acid rain and waterborne staining. Penetrates into the substrate and chemically bonds with silica to form a permanent attachment of the water repellent molecule. **Protectosil CHEM-TRETE PB100** is especially suited for making porous substrates such as split-face block water repellent. This water repellent effect stands up against wind-driven rain.

By preventing water and waterborne contaminants from entering the substrate, **Protectosil CHEM-TRETE PB 100** reduces problems such as efflorescence, leaching, acid rain, deterioration, scaling, dirt buildup, staining, corrosion of reinforcing steel and mildew. **Protectosil CHEM-TRETE PB 100** will not cause adverse surface appearance of the substrate. Treated surfaces are fully breathable because the natural moisture vapor transmission is not affected. This will eliminate problems caused by entrapped moisture, including blushing of the sealer and freeze-thaw damage to the masonry.

Release Date 2016-08-10  Self-declared  
Expiry Date 2019-08-10  Second Party Certifier  
HPD URL <https://builder.hpd-collaborative.org/uploads/files/hpds/1288/4455-20160810104443.pdf>  Third Party Certificate #

### SUMMARY DISCLOSURE

The content of this product was assessed for health hazard warnings as required using Pharos

Residuals Disclosure  Measured 100 ppm (ideal)  Measured 1000 ppm  Predicted by process chemistry  As per MSDS (1,000 & 10,000 ppm)  Not disclosed  Other

Full Disclosure of Intentional Ingredients  Yes  No  
Full Disclosure of Known Hazards  Yes  No

Disclosure Notes  
Disclosure of residual could allow for competitors to back engineer what the main ingredient of our product is.

### Contents in Descending Order of Quantity

Undisclosed (Alkyltrialkoxysilane)

Hazards  PBT (Persistent Bioaccumulative Toxic)  Cancer  Gene Mutation  Development  Reproductive  Endocrine  Respiratory

Highest concern GreenScreen score - unknown  Neurotoxicity  Mammal  Skin or Eye  Aquatic toxicity  Land toxicity  Physical hazard  Global warming  Ozone depletion  Multiple  Unknown

Total VOC Content Material (g/L) Regulatory (g/L) 375.00

Does the product contain exempt VOCs?  N/A  Yes  No  
Are there VOC-free tints available?  N/A  Yes  No

### Notes

### Certifications + Compliance

VOC Emissions Not tested VOC Content Not tested

The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an “open standard” developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit [hpdcollaborative.org](http://hpdcollaborative.org).

## CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level.

Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at [www.hpdcollaborative.org/hazardlists](http://www.hpdcollaborative.org/hazardlists).

**GS:** GreenScreen Benchmark; **RC:** Recycled Content, **PC:** Post Consumer, **PI:** Post Industrial (Pre-consumer), **BO:** Both; **Nano:** comprised of nanoscale particles or nanotechnology

Name	CAS RN	% weight	GS	RC	Nano	Role
Hazard A	Warning A					
Hazard B	Warning B					
Hazard C	Warning C					
Hazard D	Warning D					
Hazard E	Warning E					
Notes						
Undisclosed (Alkyltrialkoxysilane)	Unknown	80 - 100 %		N	Y	Water Repellent
Unknown	Not disclosed					
This product contains the range of 80-100 % purity as to not allow for competitors to identify purity of product. There is no recycled content in this product.						

## CERTIFICATIONS AND COMPLIANCE

**Certifying Party** = First: Manufacturer’s self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

**Applicable facilities** = Manufacturing sites to which testing applies.

Type	Standard or Certification			Certifier or Laboratory
	Certifying Party	Issue Date	Expiry Date	Certificate URL
	Applicable Facilities			
	Notes			
VOC Emissions	N/A			
VOC Content	Not tested			

Recycled Content	Not tested			
Other				

**ACCESSORY MATERIALS**

This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products. Note: This declaration is not intended to address hazards of the installation process.

Required or Recommended Product	URL for Companion Health Product Declaration
<b>Condition when required or recommended and/or other notes</b>	

**NOTES**