

Name Protectosil AQUA-TRETE 40



Product ID
Website www.protectosil.com Classification

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Description A clear, penetrating, waterborne, breathable water repellent for use on concrete. A ready-to-use, low-VOC silane emulsion. Reduces the ingress of water and waterborne contaminants that cause premature deterioration of the substrate. Penetrates the substrate and chemically bonds with siliceous materials to form a permanent attachment of the water repellent molecule. **Protectosil AQUA-TRETE 40** water repellent is especially suited for application when solventborne products are not acceptable, as in states that have VOC regulations for AIM coatings. **Protectosil AQUA-TRETE 40** meets all national and state VOC laws.

By preventing water and waterborne contaminants from entering the substrate, **Protectosil AQUA-TRETE 40** reduces such problems such as efflorescence, leaching, acid rain deterioration, scaling, dirt buildup, staining, alkali attack, corrosion of reinforcing steel and mildew. Treated surfaces are fully breathable because their natural moisture vapor transmisson is not affected. This will reduce problems that entrapped moisture can cause, including blushing of the sealer and freeze-thaw damage to the concrete.

Release Date 2016-04-15 Self-declared
Expiry Date 2019-04-15 Second Party Certifier
HPD URL <https://builder.hpd-collaborative.org/uploads/files/hpds/1288/4136-20160415155734.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 WATER , Undisclosed (Alkyltrialkoxysilane) , POLYSILOXANE

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

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

Total VOC Content Material (g/L) Regulatory (g/L) 260.00

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.

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.

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						
WATER	7732-18-5	30 - 50 %	4	N	N	Carrier
None found	No warnings found on HPD Priority lists					
Undisclosed (Alkyltrialkoxysilane)	Unknown	20 - 40 %	LT-U	N	Y	Water Repellent
EYE IRRITATION	EU H-Statements: H319 Causes serious eye irritation					
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin.					
This product contains the range of 20-50% purity as to not allow for competitors to identify purity of product. There is no recycled content in this product.						
POLYSILOXANE	9011-19-2	5 - 20 %		N	N	Water Repellent
None found	No warnings found on HPD Priority lists					
This product contains the range of 5-20% 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
Condition when required or recommended and/or other notes	

NOTES