Name: Protectosil AQUA-TRETE 20  
Product ID: Protectosil AQUA-TRETE 20  
Website: www.protectosil.com  
Manufacturer: Evonik Corporation  
Address: 2 Turner Place  
Piscataway, NJ 08854  
Contact Name: Daniela Valles  
Title: Scientist  
Phone: 7329815031  
Email: daniela.valles@evonik.com  

Classification:  

Description: A clear, penetrating, waterborne, breathable water repellent for use on concrete and masonry. Ready-to-use, low VOC, silane emulsion. Reduces the ingress of water and waterborne contaminants that cause premature deterioration of the substrate. Protectosil AQUA-TRETE 20 water repellent is especially suited for application when solvent-borne products are not acceptable, as in states that have VOC regulations for AIM coatings. Protectosil AQUA-TRETE 20 meets all national and state VOC regulations. By preventing water and waterborne contaminants from entering the substrate, Protectosil AQUA-TRETE 20 reduces such problems as efflorescence, leaching, acid rain deterioration, scaling, dirt buildup, staining, corrosion of reinforcing steel and mildew. Treated surfaces are fully breathable because their natural moisture vapor transmission is not affected. This will reduce problems that entrapped moisture can cause, including blushing of the sealer and freeze-thaw damage.

| Release Date | 2016-06-20 |
| Expiry Date | 2019-06-20 |

### 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)  
- POLYSIOXANE

### Hazards

- PBT (Persistent Bioaccumulative Toxic)  
- Cancer  
- Gene Mutation  
- Development  
- Reproductive  
- Endocrine  
- Respiratory  
- Neurotoxicity  
- Mammal  
- Skin or Eye  
- Aquatic toxicity  
- Land toxicity  
- Physical hazard  
- Global warming  
- Ozone depletion  
- Multiple  
- Unknown

### Total VOC Content

- Material (g/L): 90.00  
- Regulatory (g/L): 90.00

- Does the product contain exempt VOCs?  
  - Yes  
  - No

- Are there VOC-free tints available?  
  - Yes  
  - No

### Notes
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

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS RN</th>
<th>% weight</th>
<th>GS</th>
<th>RC</th>
<th>Nano</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard A</td>
<td>Warning A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hazard B</td>
<td>Warning B</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hazard C</td>
<td>Warning C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hazard D</td>
<td>Warning D</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hazard E</td>
<td>Warning E</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Notes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

WATER

CAS RN: 7732-18-5
% weight: 50 - 80%
GS: 4
RC: N
Nano: N
Role: Carrier

None found
No warnings found on HPD Priority lists

Undisclosed (Alkyltrialkoxysilane)

CAS RN: Unknown
% weight: 10 - 30%
GS: LT-U
RC: PC
Nano: Y
Role: Water Repellent

Eye Irritation

EU H-Statements: H318 Causes serious eye damage

Skin Irritation

EU R-Phrases: R38: Irritating to skin.

This product contains the range of 10-30 % purity as to not allow for competitors to identify purity of product. There is no recycled content in this product.

POLYSILOXANE

CAS RN: 9011-19-2
% weight: 5 - 20%
GS: N
RC: N
Nano: N
Role: 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.

<table>
<thead>
<tr>
<th>Type</th>
<th>Standard or Certification</th>
<th>Certifier or Laboratory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certifying Party</td>
<td>Issue Date</td>
<td>Expiry Date</td>
</tr>
<tr>
<td>Applicable Facilities</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Notes</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### VOC Emissions

| Not tested |

### 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.

<table>
<thead>
<tr>
<th>Required or Recommended Product</th>
<th>URL for Companion Health Product Declaration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Condition when required or recommended and/or other notes</td>
<td></td>
</tr>
</tbody>
</table>

---

**NOTES**