Protectosil ANTIGRAFFITI

A waterborne breathable, antigraffiti treatment for use on concrete, brick, concrete masonry units and natural stone. Protectosil ANTIGRAFFITI protects surfaces to allow easy removal of a wide variety of graffiti, including spray paint, permanent marker, ink, bituminous paints, asphalt sealers, and other solvent or waterborne paints. Because of Protectosil ANTIGRAFFITI’s superior performance, standard nonhazardous cleaners and low-pressure water blasting are sufficient removal methods for most graffiti. Protectosil ANTIGRAFFITI is breathable and will not alter the natural appearance of the substrate. These properties make the product ideal for masonry walls. Protectosil ANTIGRAFFITI is based on silane chemistry. It will chemically bond to the substrate. This allows the material to undergo many cleaning cycles before retreatment is necessary. Protectosil ANTIGRAFFITI is especially suited for application when solvent-borne products are not acceptable, as in states that have VOC regulations for A/M coatings. Protectosil ANTIGRAFFITI is VOC compliant in all 50 states.

Release Date: 2016-06-24
Expiry Date: 2019-06-24

SUMMARY DISCUSSION

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, Organofluorine compounds

Highest concern GreenScreen score - no ingredients benchmarked
- Neurotoxicity
- Mammal
- Skin or Eye
- Aquatic toxicity
- Land toxicity
- Physical hazard
- Global warming
- Ozone depletion

Total VOC Content
Material (g/L) 0.00
Regulatory (g/L) N/A

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

<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>
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<tr>
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<tr>
<td>Hazard B</td>
<td>Warning B</td>
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<tr>
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<td>Hazard D</td>
<td>Warning D</td>
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<td>Hazard E</td>
<td>Warning E</td>
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**Notes**

**WATER**

<table>
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<tr>
<th>Name</th>
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<th>GS</th>
<th>RC</th>
<th>Nano</th>
<th>Role</th>
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</thead>
<tbody>
<tr>
<td>None found</td>
<td>7732-18-5</td>
<td>75 - 90%</td>
<td>4</td>
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<td>N</td>
<td>Carrier</td>
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No warnings found on HPD Priority lists

**Organofluorine compounds**

<table>
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<th>Name</th>
<th>CAS RN</th>
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<th>GS</th>
<th>RC</th>
<th>Nano</th>
<th>Role</th>
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<tbody>
<tr>
<td>None found</td>
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<td>10 - 25%</td>
<td>U</td>
<td>N</td>
<td></td>
<td>Water Repellent</td>
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No warnings found on HPD Priority lists

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>Certifying Party</th>
<th>Issue Date</th>
<th>Expiry Date</th>
<th>Certifier or Laboratory</th>
<th>Certificate URL</th>
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<tbody>
<tr>
<td>VOC Emissions</td>
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### 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>
<th>Condition when required or recommended and/or other notes</th>
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### NOTES