RetroPlate is a zero VOC, chemically reactive concrete sealer, hardener and dustpoofier formulated to stabilize and harden concrete surfaces prior to diamond abrasive polishing. This deep penetrating sealer chemically reacts with the concrete forming a crystalline structure within the concrete pores, filling the pore and solidifying the concrete into a solid densified mass. This reaction chemically hardens the concrete surface, rendering it abrasion resistant, dustfree and resistant to the penetration of surface contaminants. The results are permanent. No retreatment is required. RetroPlate does not contribute to alkali silicate reaction (ASR).

The chemical identity of the proprietary components have been withheld to preserve the intellectual property rights of Curecrete Distribution, Inc. However, the full CAS numbers have been entered into the HPD database which is verified by the WECRS Green tool. The quantity of each proprietary chemical falls below the required reporting threshold for the HPD Collaborative. The product as a whole is nontoxic and the hazardous properties of the proprietary chemicals are undetectable and not relevant to the product as supplied or used. All chemical hazards are listed and have been disclosed.
<table>
<thead>
<tr>
<th>Certifications + Compliance</th>
<th>VOC Emissions</th>
<th>VOC Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flame Retardants</td>
<td>Not tested</td>
<td>Not tested</td>
</tr>
<tr>
<td></td>
<td>EU Classification of the reaction to fire performance of construction products - Euroclass E</td>
<td></td>
</tr>
</tbody>
</table>
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></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hazard B</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Hazard C</td>
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<td></td>
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<tr>
<td>Hazard D</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Hazard E</td>
<td></td>
<td></td>
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<tr>
<td>Notes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

WATER
- 7732-18-5
- 45 - 70 %
- 4
- N
- N
- Carrier

None found
No warnings found on HPD Priority lists
Water: Carrier

SODIUM SILICATE
- 1344-09-8
- 20 - 40 %
- LT-U
- U
- N
- Reactive Concrete Modifier

None found
No warnings found on HPD Priority lists
Reactive Concrete Modifier

Sodium metasilicate nonahydrate
- 13517-24-3
- 1 - 15 %
- LT-U
- U
- N
- Reactive Concrete Modifier

None found
No warnings found on HPD Priority lists
Reactive Concrete Modifier

Undisclosed (Tracer)
- Undisclosed
- 0.05 %
- LT-U
- U
- U
- Tracer

None found
No warnings found on HPD Priority lists
Verify authenticity of product

Undisclosed (Reagent)
- Unknown
- 0 - 0.07 %
- LT-U
- U
- U
- Undisclosed Reagent

MAMMALIAN
- EU R-Phrases: R25: Toxic if swallowed.

SKIN IRRITATION
- EU H-Statements: H315 Causes skin irritation

The chemical identity has been withheld to preserve the intellectual proprietary rights of Curecrete Distribution, Inc However Curecrete Distribution has verified the chemicals with the HPD Database which is verified by the WECRS Green Tool. The quantities of chemical falls below the required reporting threshold for the HPD Collaborative. The product as a whole is non-corrosive and the hazardous properties of this chemical is undetectable and not
relevant to the product as supplied or used.

<table>
<thead>
<tr>
<th>Undisclosed (Proprietary Catalyst)</th>
<th>Undisclosed</th>
<th>0 - 0.02 %</th>
<th>LT-P1</th>
<th>U</th>
<th>U</th>
<th>Proprietary Catalyst</th>
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</thead>
<tbody>
<tr>
<td>MAMMALIAN</td>
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</tr>
<tr>
<td>SKIN IRRITATION</td>
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</tr>
<tr>
<td>MULTIPLE</td>
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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>VOC Emissions</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>VOC Content</td>
<td>Not tested</td>
<td></td>
</tr>
<tr>
<td>Recycled Content</td>
<td>Not tested</td>
<td></td>
</tr>
<tr>
<td>Flame Retardants</td>
<td>EU Classification of the reaction to fire performance of construction products - Euroclass E</td>
<td>European Commission</td>
</tr>
<tr>
<td></td>
<td>Government enforced claim</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2007-07-01</td>
<td></td>
</tr>
</tbody>
</table>

All intended uses: for the protection of concrete structures – Impregnation • Ingress protection (1.2) • Physical resistance (5.2) Is in compliance with the EU Construction Products directive (89/1060EEC) and meets the requirements of EN 1504-2 for the intended uses indicated herein: Declared characteristics Test method Declared characteristics Abrasion resistance (Böhme test) EN 13892-3 At least 30% improvement in abrasion resistance in comparison with a non-impregnated sample Capillary absorption and permeability of water EN 1062-3 ≤0.1kg/m2 x h0.5 Depth of penetration EN 1504-2 ≥ 5mm Impact resistance EN ISO 6272-1 Class 2: ≥ 10 Nm Adhesion
strength by pull off test EN 1542 - vertical ≥ 0.8 MPa - horizontal without trafficking ≥ 1.0 MPa - horizontal with trafficking ≥ 1.5 MPa

**ALL**

VOC Certification

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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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTES**