**Name**: Ashford Formula

**Product ID**: 03 35 00.00 Concrete (footing): Concrete Finishing

**Classification**: Concrete Finishing

**Website**: www.ashfordformula.com

**Manufacturer**
- **Address**: 1203 West Springcreek Place, Springville, UT 84663, USA

**Contact Name**: Jerald Jones

**Title**: President

**Phone**: 8017873799

**Email**: jerry@ashfordformula.com

**Description**: Ashford Formula is a zero VOC, chemically reactive concrete sealer, hardener and dustproofer. This deep penetrating sealer chemically reacts with the concrete forming a crystalline structure within the concrete pore, filling the pore, and solidifying the concrete into a densified mass.

This reaction chemically hardens the concrete surface, rendering it abrasion resistant, dustfree and resistant to the penetration of surface contamintions. The results are permanent. No retreatment is required. Ashford Formula 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.

**Release Date**: 2016-05-23

**Expiry Date**: 2019-05-23


**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**
  - No known residuals exist from the manufacturing of this product or based on the Chemical Suppliers MSDS sheets.

**Contents in Descending Order of Quantity**

- WATER
- SODIUM SILICATE
- Sodium metasilicate nonahydrate
- Undisclosed (Tracer)
- Undisclosed (Reagent)
- Undisclosed (Proprietary Catalyst)

**Hazards**

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

**Highest concern GreenScreen score - List Translator Possible Benchmark 1**

- □ 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**

Ashford Formula is a waterbased product containing no VOC's
<table>
<thead>
<tr>
<th>Certifications + Compliance</th>
<th>VOC Emissions</th>
<th>Not tested</th>
<th>VOC Content</th>
<th>Not tested</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flame Retardants</td>
<td>EU Classification of the reaction to fire performance of construction products - Euroclass E</td>
<td></td>
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</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>
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<th>GS</th>
<th>RC</th>
<th>Nano</th>
<th>Role</th>
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<tbody>
<tr>
<td>Hazard A</td>
<td>Warning A</td>
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<tr>
<td>Hazard B</td>
<td>Warning B</td>
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<td>Warning C</td>
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<td>Hazard D</td>
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<tr>
<td>Hazard E</td>
<td>Warning E</td>
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<tbody>
<tr>
<td>WATER</td>
<td>7732-18-5</td>
<td>45 - 70 %</td>
<td>4</td>
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<td>Water: Carrier</td>
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<tr>
<td>SODIUM SILICATE</td>
<td>1344-09-8</td>
<td>15 - 35 %</td>
<td>LT-U</td>
<td>U</td>
<td>N</td>
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<tr>
<td>Sodium metasilicate nonahydrate</td>
<td>13517-24-3</td>
<td>1 - 13.5 %</td>
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<tbody>
<tr>
<td>Undisclosed (Tracer)</td>
<td>Undisclosed</td>
<td>0.05 %</td>
<td>LT-U</td>
<td>N</td>
<td>U</td>
<td>Tracer</td>
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<tr>
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<tr>
<td>Verify authenticity of product</td>
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<tbody>
<tr>
<td>Undisclosed (Reagent)</td>
<td>Unknown</td>
<td>0 - 0.05 %</td>
<td>LT-U</td>
<td>U</td>
<td>U</td>
<td>Undisclosed Reagent</td>
</tr>
</tbody>
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**MAMMALIAN**

EU R-Phrases: R25: Toxic if swallowed.

**SKIN IRRITATION**

EU H-Statements: H315 Causes skin irritation

0-0.05% The chemical identity has been withheld to preserve the intellectual proprietary rights of Curecrete Distribution, Inc. However we have 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
MAMMALIAN
EU R-Phrases: R25: Toxic if swallowed.

SKIN IRRITATION
EU H-Statements: H314 Causes severe skin burns and eye damage

MULTIPLE
VwVwS: Class 2 Hazard to Waters

0-0.005% The chemical identity has been withheld to preserve the intellectual proprietary rights of Curecrete Distribution, Inc. However we have 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.

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>
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<tr>
<th>Type</th>
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<th>Certifier or Laboratory</th>
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<td>Certifying Party</td>
<td>Issue Date</td>
<td>Expiry Date</td>
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<tr>
<td>Applicable Facilities</td>
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<td>Certificate URL</td>
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<tr>
<td>Notes</td>
<td></td>
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</table>

VOC Emissions
N/A

VOC Content
Not tested

Recycled Content
Not tested

Flame Retardants
EU Classification of the reaction to fire performance of construction products - Euroclass E
European Commission

Government enforced claim 2007-07-01

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 xh0.5 Depth of penetration EN 1504-2 ≥ 5mm Impact resistance EN ISO 6272-1 Class 2: ≥ 10 Nm Adhesion

Undisclosed (Proprietary Catalyst) |
Undisclosed | 0 - 0.01 % | LT-P1 | U | U | Proprietary Catalyst |
Flame Retardants

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- VOC Certification

**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>
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<tr>
<td>Condition when required or recommended and/or other notes</td>
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**NOTES**