**Section 1: Summary**

**Basic Method / Product Threshold**

| Classification | 09 30 00 Tiling |
|----------------|----------------|---|

**Product Description:** A highly chemical resistant, industrial grade epoxy grout for ceramic tile, pavers, floor brick, packing house tile, and stone. **LATICRETE® SPECTRALOCK® 2000 IG** is supplied as factory proportioned kits consisting of epoxy resin, hardener, and silica filler.

**CONTENT INVENTORY**

- **Inventory Reporting Format:** Nested Materials Method
- **Threshold Disclosed Per:** Material & Product

**Threshold level**

<table>
<thead>
<tr>
<th>Threshold</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ppm</td>
<td>100</td>
</tr>
<tr>
<td>ppm</td>
<td>1,000</td>
</tr>
<tr>
<td>Others</td>
<td></td>
</tr>
</tbody>
</table>

**Residuals/Impurities**

- Considered
- Partially Considered
- Not Considered

**CONTENT IN DESCENDING ORDER OF QUANTITY**

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

**MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY | GREENSCREEN SCORE | HAZARD TYPE**

- **LATICRETE SPECTRALOCK 2000 IG (QUARTZ LT-1)**
- CAN FORMALDEHYDE, POLYMER WITH 2-(CHLOROMETHYL)OXIRANE AND PHENOL LT-P1
- MUL FATTY ACIDS, TALL-OIL, REACTION PRODUCTS WITH TETRAETHYLENENAMEPTAMINE LT-P1
- MUL EPICHLOROHYDRIN-BISPHENOL A RESIN LT-P1
- MUL BENZYL ALCOHOL BM-2
- STODDARD SOLVENT LT-1
- MUL AROMATIC NAPHTHA, TYPE 1 LT-1
- MUL ISOPHORONE DIAMINE LT-P1
- TITANIUM DIOXIDE LT-1
- AMINOETHYLPIPERAZINE LT-P1
- 4-Nonylphenol (branched) LT-P1
- MUL EPICHLOROHYDRIN-BISPHENOL A RESIN LT-P1
- EYE | MUL |

**VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

- Material (g/l): 0.80
- Regulatory (g/l): N/A
- Does the product contain exempt VOCs: No
- Are ultra-low VOC tints available: N/A

**CERTIFICATIONS AND COMPLIANCE**

- Number of Greenscreen BM-4/BM3 contents ... 0
- Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1
- Nanomaterial ... No

**INVENTORY AND SCREENING NOTES:**

This HPD was created with Basic Inventory. Materials listed as Undisclosed in Section 2 is done to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards of these components.

**CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Material Ingredients Option 1

<table>
<thead>
<tr>
<th>Third Party Verified?</th>
<th>PREPARATOR: Self-Prepared</th>
<th>SCREENING DATE: 2020-10-05</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>VERIFIER:</td>
<td>PUBLISHED DATE: 2020-10-05</td>
</tr>
<tr>
<td>No</td>
<td>VERIFICATION #:</td>
<td>EXPIRY DATE: 2023-10-05</td>
</tr>
</tbody>
</table>
### LATICRETE SPECTRALOCK 2000 IG

**PRODUCT THRESHOLD:** 100 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes

**RESIDUALS AND IMPURITIES NOTES:** Residuals and impurities are measured by quantitative methods and are only displayed when they are potentially greater than 100 ppm.

**OTHER PRODUCT NOTES:** See SDS at www.laticrete.com for occupational exposure information.

<table>
<thead>
<tr>
<th>QUARTZ</th>
<th>ID: 14808-60-7</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HAZARD SCREENING METHOD:</strong> Pharos Chemical and Materials Library</td>
<td><strong>HAZARD SCREENING DATE:</strong> 2020-10-05</td>
</tr>
<tr>
<td>%: 65.0000 - 75.0000</td>
<td><strong>Substance Role:</strong> Filler</td>
</tr>
<tr>
<td><strong>HAZARD TYPE</strong></td>
<td><strong>AGENCY AND UST TITLES</strong></td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
</tr>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
</tr>
<tr>
<td>CANCER</td>
<td>CA EPA - Prop 65</td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
</tr>
<tr>
<td>CANCER</td>
<td>US NIH - Report on Carcinogens</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - New Zealand</td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - Japan</td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - Australia</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** The amount of this component may vary based on plant of manufacture.

### FORMALDEHYDE, POLYMER WITH 2-(CHLOROMETHYL)OXIRANE AND PHENOL

**ID:** 9003-36-5

<table>
<thead>
<tr>
<th><strong>HAZARD SCREENING METHOD:</strong> Pharos Chemical and Materials Library</th>
<th><strong>HAZARD SCREENING DATE:</strong> 2020-10-05</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 9.0000 - 16.0000</td>
<td><strong>Substance Role:</strong> Curing agent</td>
</tr>
<tr>
<td><strong>HAZARD TYPE</strong></td>
<td><strong>AGENCY AND UST TITLES</strong></td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** The amount of this component may vary based on plant of manufacture.

### FATTY ACIDS, TALL-OIL, REACTION PRODUCTS WITH TETRAETHYLENEPENTAMINE

**ID:** 68853-36-6

<table>
<thead>
<tr>
<th><strong>HAZARD SCREENING METHOD:</strong> Pharos Chemical and Materials Library</th>
<th><strong>HAZARD SCREENING DATE:</strong> 2020-10-05</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 6.0000 - 10.0000</td>
<td><strong>Substance Role:</strong> Activator</td>
</tr>
<tr>
<td><strong>HAZARD TYPE</strong></td>
<td><strong>AGENCY AND UST TITLES</strong></td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** The amount of this component may vary based on plant of manufacture.
EPICHLOROHYDRIN-BISPHENOL A RESIN

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-10-05

%: 0.5000 - 3.0000
GS: LT-P1
RC: None
NANO: No
SUBSTANCE ROLE: Curing agent

HAZARD TYPE
AGENCY AND UST TITLES
WARNINGS

CHRON AQUATIC
EU - GHS (H-Statements)
H411 - Toxic to aquatic life with long lasting effects

SKIN IRRITATION
EU - GHS (H-Statements)
H315 - Causes skin irritation

SKIN SENSITIZE
EU - GHS (H-Statements)
H317 - May cause an allergic skin reaction

EYE IRRITATION
EU - GHS (H-Statements)
H319 - Causes serious eye irritation

MULTIPLE
German FEA - Substances Hazardous to Waters
Class 2 - Hazard to Waters

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-10-05

%: 0.5000 - 2.0000
GS: LT-P1
RC: None
NANO: No
SUBSTANCE ROLE: Pigment

HAZARD TYPE
AGENCY AND UST TITLES
WARNINGS

ENDOCRINE
TEDX - Potential Endocrine Disruptors
Potential Endocrine Disruptor

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS # was used to identify associated hazards.

TETRAETHYLENEPENTAMINE

ID: 112-57-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-10-05

%: 0.3000 - 1.5000
GS: LT-P1
RC: None
NANO: No
SUBSTANCE ROLE: Activator

HAZARD TYPE
AGENCY AND UST TITLES
WARNINGS

CHRON AQUATIC
EU - GHS (H-Statements)
H411 - Toxic to aquatic life with long lasting effects

SKIN IRRITATION
EU - GHS (H-Statements)
H314 - Causes severe skin burns and eye damage

SKIN SENSITIZE
EU - GHS (H-Statements)
H317 - May cause an allergic skin reaction

MULTIPLE
German FEA - Substances Hazardous to Waters
Class 2 - Hazard to Waters

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-10-05

%: 0.2000 - 0.5000
GS: LT-UNK
RC: None
NANO: No
SUBSTANCE ROLE: Processing regulator

HAZARD TYPE
AGENCY AND UST TITLES
WARNINGS

SKIN IRRITATION
EU - GHS (H-Statements)
H315 - Causes skin irritation

SKIN SENSITIZE
EU - GHS (H-Statements)
H317 - May cause an allergic skin reaction

EYE IRRITATION
EU - GHS (H-Statements)
H319 - Causes serious eye irritation

SKIN SENSITIZE
MAK
Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS # was used to identify associated hazards.
ISOPHORONE DIAMINE

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-10-05

%: 0.1000 - 0.5000
GS: LT-P1
RC: None
NANO: No
SUBSTANCE ROLE: Curing agent

AGENCY AND UST TITLES
WARNINGS
SKIN IRRITATION
EU - GHS (H-Statements)
H314 - Causes severe skin burns and eye damage
SKIN SENSITIZE
EU - GHS (H-Statements)
H317 - May cause an allergic skin reaction
MULTIPLE
German FEA - Substances Hazardous to Waters
Class 2 - Hazard to Waters
SKIN SENSITIZE
MAK
Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture.

BENZYL ALCOHOL

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-10-05

%: 0.1000 - 0.5000
GS: BM-2
RC: None
NANO: No
SUBSTANCE ROLE: Activator

AGENCY AND UST TITLES
WARNINGS
None found

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture.

STODDARD SOLVENT

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-10-05

%: 0.0500 - 0.3000
GS: LT-1
RC: None
NANO: No
SUBSTANCE ROLE: Defoamer

AGENCY AND UST TITLES
WARNINGS
MAMMALIAN
EU - GHS (H-Statements)
H304 - May be fatal if swallowed and enters airways
GENE MUTATION
EU - GHS (H-Statements)
H340 - May cause genetic defects
CANCER
EU - GHS (H-Statements)
H350 - May cause cancer
ORGAN TOXICANT
EU - GHS (H-Statements)
H372 - Causes damage to organs through prolonged or repeated exposure
CANCER
EU - REACH Annex XVII CMRs
Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
GENE MUTATION
EU - REACH Annex XVII CMRs
Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man
MULTIPLE
German FEA - Substances Hazardous to Waters
Class 2 - Hazard to Waters
CANCER
EU - Annex VI CMRs
Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
GENE MUTATION
EU - Annex VI CMRs
Mutagen - Category 1B
GENE MUTATION
GHS - Malaysia
H340 - May cause genetic defects
CANCER
GHS - Malaysia
H350 - May cause cancer
GENE MUTATION
GHS - Australia
H340 - May cause genetic defects
CANCER
GHS - Australia
H350 - May cause cancer

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture.

AROMATIC NAPHTHA, TYPE 1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-10-05

%: 0.0500 - 0.3000
GS: LT-1
RC: None
NANO: No
SUBSTANCE ROLE: Solvent

AGENCY AND UST TITLES
WARNINGS
MAMMALIAN
EU - GHS (H-Statements)
H304 - May be fatal if swallowed and enters airways
GENE MUTATION
EU - GHS (H-Statements)
H340 - May cause genetic defects
CANCER
EU - GHS (H-Statements)
H350 - May cause cancer
ORGAN TOXICANT
EU - GHS (H-Statements)
H372 - Causes damage to organs through prolonged or repeated exposure
CANCER
EU - REACH Annex XVII CMRs
Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
GENE MUTATION
EU - REACH Annex XVII CMRs
Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man
MULTIPLE
German FEA - Substances Hazardous to Waters
Class 2 - Hazard to Waters
CANCER
EU - Annex VI CMRs
Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
GENE MUTATION
EU - Annex VI CMRs
Mutagen - Category 1B
GENE MUTATION
GHS - Malaysia
H340 - May cause genetic defects
CANCER
GHS - Malaysia
H350 - May cause cancer
GENE MUTATION
GHS - Australia
H340 - May cause genetic defects
CANCER
GHS - Australia
H350 - May cause cancer

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture.
<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAMMALIAN</td>
<td>EU - GHS (H-Statements)</td>
<td>H304 - May be fatal if swallowed and enters airways</td>
</tr>
<tr>
<td>GENE MUTATION</td>
<td>EU - GHS (H-Statements)</td>
<td>H340 - May cause genetic defects</td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - GHS (H-Statements)</td>
<td>H350 - May cause cancer</td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - REACH Annex XVII CMRs</td>
<td>Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man</td>
</tr>
<tr>
<td>GENE MUTATION</td>
<td>EU - REACH Annex XVII CMRs</td>
<td>Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>ChemSec - SIN List</td>
<td>CMR - Carcinogen, Mutagen &amp;/or Reproductive Toxicant</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 3 - Severe Hazard to Waters</td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - Annex VI CMRs</td>
<td>Carcinogen Category 1B - Presumed Carcinogen based on animal evidence</td>
</tr>
<tr>
<td>GENE MUTATION</td>
<td>EU - Annex VI CMRs</td>
<td>Mutagen - Category 1B</td>
</tr>
<tr>
<td>GENE MUTATION</td>
<td>GHS - Australia</td>
<td>H340 - May cause genetic defects</td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - Australia</td>
<td>H350 - May cause cancer</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** The amount of this component may vary based on plant of manufacture.

---

**UNDISCLOSED**

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-10-05

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
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</thead>
<tbody>
<tr>
<td>0.0500 - 0.2500</td>
<td>NoGS</td>
<td>None</td>
<td>No</td>
<td>Viscosity modifier</td>
</tr>
</tbody>
</table>

None found  

**SUBSTANCE NOTES:** The amount of this component may vary based on plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

---

**UNDISCLOSED**

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-10-05

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0200 - 0.0500</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Heat or UV stabilizer</td>
</tr>
</tbody>
</table>

None found  

**SUBSTANCE NOTES:** The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

---

**UNDISCLOSED**

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-10-05

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0050 - 0.0100</td>
<td>BM-1</td>
<td>None</td>
<td>No</td>
<td>Biocide</td>
</tr>
</tbody>
</table>

**MULTIPLE**  
**ENDOCRINE**

**SUBSTANCE NOTES:** The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
<th>HAZARD TYPE</th>
<th>AGENCY AND UST TITLES</th>
<th>WARNINGS</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TITANIUM DIOXIDE</strong></td>
<td></td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-10-05</td>
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</tr>
<tr>
<td><strong>AMINOETHYLPIPERAZINE</strong></td>
<td>ID: 140-31-8</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-10-05</td>
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</tr>
</tbody>
</table>
### 4-Nonylphenol (branched)

**ID:** 84852-15-3  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-10-05  
**%:** 0.0000 - 0.1000  
**GS:** LT-1  
**ROLE:** Activator

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND UST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESTRICTED LIST</td>
<td>US EPA - PPT Chemical Action Plans</td>
<td>TSCA Work Plan chemical - Action Plan in development</td>
</tr>
<tr>
<td>ACUTE AQUATIC</td>
<td>EU - GHS (H-Statements)</td>
<td>H400 - Very toxic to aquatic life</td>
</tr>
<tr>
<td>CHRON AQUATIC</td>
<td>EU - GHS (H-Statements)</td>
<td>H410 - Very toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>SKIN IRRITATION</td>
<td>EU - GHS (H-Statements)</td>
<td>H314 - Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>EU - GHS (H-Statements)</td>
<td>H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>ChemSec - SIN List</td>
<td>CMR - Carcinogen, Mutagen &amp;/or Reproductive Toxicant</td>
</tr>
<tr>
<td>PBT</td>
<td>ChemSec - SIN List</td>
<td>PBT / vPvB (Persistent, Bioaccumulative, &amp; Toxic / very Persistent &amp; very Bioaccumulative)</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>ChemSec - SIN List</td>
<td>Endocrine Disruption</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 3 - Severe Hazard to Waters</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>US EPA - PPT Chemical Action Plans</td>
<td>Reproductive effects</td>
</tr>
<tr>
<td>CHRON AQUATIC</td>
<td>US EPA - PPT Chemical Action Plans</td>
<td>Highly toxic to aquatic organisms</td>
</tr>
<tr>
<td>DEVELOPMENTAL</td>
<td>US EPA - PPT Chemical Action Plans</td>
<td>Developmental Effects</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>EU - SVHC Authorisation List</td>
<td>Equivalent Concern - Candidate List</td>
</tr>
<tr>
<td>PBT</td>
<td>OSPAR - Priority PBTs &amp; EDs &amp; equivalent concern</td>
<td>PBT - Substance of Possible Concern</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>OSPAR - Priority PBTs &amp; EDs &amp; equivalent concern</td>
<td>Endocrine Disruptor - Chemical for Priority Action</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** The amount of this component may vary based on plant of manufacture.

### Undisclosed

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-10-05  
**%:** 0.0000 - 2.0000  
**GS:** LT-UNK  
**ROLE:** Viscosity modifier

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND UST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>None found</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** The amount of this component may vary based on plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS # was used to identify associated hazards.

### Undisclosed

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-10-05  
**%:** 0.0000 - 0.0500  
**GS:** LT-P1  
**ROLE:** Viscosity modifier

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND UST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** The amount of this component may vary based on plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS # was used to identify associated hazards.

### Epichlorohydrin-Bisphenol A Resin

**ID:** 25068-38-6  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-10-05
<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHRON AQUATIC</td>
<td>EU - GHS (H-Statements)</td>
<td>H411 - Toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>SKIN IRRITATION</td>
<td>EU - GHS (H-Statements)</td>
<td>H315 - Causes skin irritation</td>
</tr>
<tr>
<td>SKIN SENSITIZE</td>
<td>EU - GHS (H-Statements)</td>
<td>H317 - May cause an allergic skin reaction</td>
</tr>
<tr>
<td>EYE IRRITATION</td>
<td>EU - GHS (H-Statements)</td>
<td>H319 - Causes serious eye irritation</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** This substance is an impurity or residual. This impurity/residual may or may not be present based on the source of the raw material and/or be less than 100ppm.
### Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

#### VOC EMISSIONS

<table>
<thead>
<tr>
<th>Certifying Party</th>
<th>UL GreenGuard Gold (2000 IG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certifying Party</td>
<td>Third Party</td>
</tr>
<tr>
<td>Applicable Facilities</td>
<td>Applies to All Facilities.</td>
</tr>
<tr>
<td>Issue Date</td>
<td>2009-07-07</td>
</tr>
<tr>
<td>Expiry Date</td>
<td>2021-07-09</td>
</tr>
<tr>
<td>Certifier or Lab</td>
<td>UL Environment</td>
</tr>
<tr>
<td>Certification and Compliance Notes</td>
<td>Meets LEED v4.1 Credit &quot;Low Emitting Materials&quot; Emissions Requirements. This product was tested in accordance with California Department of Public Health (CDPH) v1.2 in an office and classroom environment.</td>
</tr>
</tbody>
</table>

#### VOC CONTENT

<table>
<thead>
<tr>
<th>Certifying Party</th>
<th>TDS 251 &quot;Low VOC LATICRETE® Products&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certifying Party</td>
<td>Self-declared</td>
</tr>
<tr>
<td>Applicable Facilities</td>
<td>Applies to All Facilities.</td>
</tr>
<tr>
<td>Certificate URL</td>
<td><a href="https://www.laticrete.com/~/media/support-and-downloads/technical-datasheets/tds251.ashx">https://www.laticrete.com/~/media/support-and-downloads/technical-datasheets/tds251.ashx</a></td>
</tr>
<tr>
<td>Issue Date</td>
<td>2020-08-12</td>
</tr>
<tr>
<td>Expiry Date</td>
<td></td>
</tr>
<tr>
<td>Certifier or Lab</td>
<td>LATICRETE</td>
</tr>
<tr>
<td>Certification and Compliance Notes</td>
<td>Meets LEED v4.1 Credit &quot;Low Emitting Materials&quot; VOC Content Requirements per SCAQMD Rule 1168 (Tile Adhesive).</td>
</tr>
</tbody>
</table>

### Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

### Section 5: General Notes

LATICRETE® SPECTRALOCK® 2000 IG does not meet Living Building Challenge v4.0 requirements because it does contain a component which is found on the Red Listed Materials or Chemicals. Specifically, LATICRETE SPECTRALOCK 2000 IG contains Epichlorohydrin-Bisphenol A Resin as stated in Section 2 of this HPD in an amount greater than the LBC Small Component Clause maximum threshold.
MANUFACTURER INFORMATION

MANUFACTURER: LATICRETE International
ADDRESS: 1 Laticrete Park North Bethany CT 06524, USA
WEBSITE: https://laticrete.com

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types
- AQU Aquatic toxicity
- CAN Cancer
- DEV Developmental toxicity
- END Endocrine activity
- EYE Eye irritation/corrosivity
- GEN Gene mutation
- GLO Global warming

GreenScreen (GS)
- BM-4 Benchmark 4 (prefer-safer chemical)
- BM-3 Benchmark 3 (use but still opportunity for improvement)
- BM-2 Benchmark 2 (use but search for safer substitutes)
- BM-1 Benchmark 1 (avoid - chemical of high concern)
- BM-U Benchmark Unspecified (due to insufficient data)
- LT-P1 List Translator Possible 1 (Possible Benchmark-1)
- LT-1 List Translator 1 (Likely Benchmark-1)
- LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
- NoGS No GreenScreen.

Recycled Types
- PreC Pre-consumer recycled content
- PostC Post-consumer recycled content
- UNK Inclusion of recycled content is unknown
- None Does not include recycled content

Other Terms:
- GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:
- Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
- Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
- Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:
- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.