LATICRETE® SPECTRALOCK® PRO Grout
by LATICRETE International

CLASSIFICATION: 09 30 00

PRODUCT DESCRIPTION: LATICRETE SPECTRALOCK PRO Grout is a patented, high performance epoxy grout that offers color uniformity, durability and stain resistance with extraordinary ease of use.

Section 1: Summary

CONTENT INVENTORY

Inventory Reporting Format
- Nested Materials Method
- Basic Method

Threshold Disclosed Per
- Material
- Product

Threshold level
- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

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 PRO GROUT | QUARTZ LT-1 | CAN | UNDISCLOSED | BM-4
| BISPHENOL A DIGLYCIDYL ETHER (BADGE) LT-P1 | END | UNDISCLOSED | LT-P1 | MUL ALKYL (C12, C14) GLYCIDYL ETHER LT-P1 | SKI | MUL FORMALDEHYDE, POLYMER WITH 2-(CHLOROMETHYL)OXIRANE AND PHENOL LT-P1 | MUL DIAMINOPROPYLENE GLYCOL LT-P1 | MUL ETHYL 4-[[METHYLPHENYLAMINO]METHYLENE]AMINO]BENZOATE LT-P1 | MUL ETHYLENE GLYCOL BM-1 | DEL | END PROPYLENE GLYCOL [PROPYLENE GLYCOL] BM-2 | END TETRAETHYLENEPENTAMINE LT-P1 | AQU | SKI | MUL DECANEDIOIC ACID, BIS(1,2,6,6-PENTAMETHYL-4-PIPERIDINYL) ESTER LT-P1 | PBT | MUL UNDISCLOSED | LT-UNK | UNDISCLOSED | LT-P1 | SKI UNDISCLOSED | LT-UNK | UNDISCLOSED | LT-1 | DEL | REP | SKI | EYE | MUL | END | UNDISCLOSED | LT-P1 | MUL UNDISCLOSED | LT-UNK | UNDISCLOSED | LT-P1 | END | UNDISCLOSED | LT-P1 | MUL BISPHENOL A DIGLYCIDYL ETHER (BADGE) LT-P1 | END

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0.031
Does the product contain exempt VOCs: No
Are ultra-low VOC tints available: N/A

CERTIFICATIONS AND COMPLIANCE

See Section 3 for additional listings.

VOC emissions: UL GreenGuard Gold (SPECTRALOCK PRO)
VOC content: TDS 251 “Low VOC LATICRETE® Products”

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

<table>
<thead>
<tr>
<th>Third Party Verified?</th>
<th>PREPARER: Self-Prepared</th>
<th>VERIFIER:</th>
<th>VERIFICATION #:</th>
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<tbody>
<tr>
<td>☑ Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ No</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SCREENING DATE: 2018-12-21
PUBLISHED DATE: 2018-12-21
EXPIRY DATE: 2021-12-21
This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

### LATICRETE SPECTRALOCK PRO GROUT

**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](http://www.laticrete.com) for occupational exposure information.

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<thead>
<tr>
<th>QUARTZ</th>
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</thead>
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<td><strong>HAZARD SCREENING METHOD:</strong> Pharos Chemical and Materials Library</td>
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<tr>
<td><strong>HAZARD SCREENING DATE:</strong> 2018-12-21</td>
</tr>
<tr>
<td><strong>ID:</strong> 14808-60-7</td>
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<table>
<thead>
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<th>%: 65.0000 - 85.0000</th>
<th>GS: LT-1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Aggregate</th>
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</table>

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 1 - Agent is Carcinogenic to humans</td>
</tr>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td>CANCER</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen - specific to chemical form or exposure route</td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources</td>
</tr>
<tr>
<td>CANCER</td>
<td>US NIH - Report on Carcinogens</td>
<td>Known to be Human Carcinogen (respirable size - occupational setting)</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 1 - Substances that cause cancer in man</td>
</tr>
<tr>
<td>CANCER</td>
<td>New Zealand - GHS</td>
<td>6.7A - Known or presumed human carcinogens</td>
</tr>
<tr>
<td>CANCER</td>
<td>Japan - GHS</td>
<td>Carcinogenicity - Category 1A</td>
</tr>
<tr>
<td>CANCER</td>
<td>Australia - GHS</td>
<td>H350i - May cause cancer by inhalation</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>UNDISCLOSED</th>
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<tr>
<td><strong>HAZARD SCREENING METHOD:</strong> Pharos Chemical and Materials Library</td>
</tr>
<tr>
<td><strong>HAZARD SCREENING DATE:</strong> 2018-12-21</td>
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<tr>
<td><strong>%:</strong> 8.0000 - 15.0000</td>
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<p>| SUBSTANCE NOTES: |</p>
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<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>No hazards 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.

### BISPHENOL A DIGLYCIDYL ETHER (BADGE)

**ID:** 25085-99-8

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2018-12-21

<table>
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<th>%: 4.0000 - 6.0000</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Resin</th>
</tr>
</thead>
</table>

**HAZARD TYPE**

**ENDOCRINE**

**EU - Priority Endocrine Disruptors**

**Category 2 - In vitro evidence of biological activity related to Endocrine Disruption**

**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:** 2018-12-21

<table>
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<th>%: 2.0000 - 5.0000</th>
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<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Curing Agent</th>
</tr>
</thead>
</table>

**HAZARD TYPE**

**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. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS # was used to identify associated hazards.

### ALKYL (C12, C14) GLYCIDYL ETHER

**ID:** 68609-97-2

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2018-12-21

<table>
<thead>
<tr>
<th>%: 0.5000 - 1.5000</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Resin</th>
</tr>
</thead>
</table>

**HAZARD TYPE**

**SKIN IRRITATION**

**EU - GHS (H-Statements)**

**H315 - Causes skin irritation**

**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.
<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>ROLE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formaldehyde, Polymer with 2-(Chloromethyl)oxirane and Phenol</td>
<td>9003-36-5</td>
<td>Pharos Chemical and Materials Library</td>
<td>2018-12-21</td>
<td>0.5000 - 2.0000</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Curing Agent</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
<tr>
<td>Diaminopolypropylene Glycol</td>
<td>9046-10-0</td>
<td>Pharos Chemical and Materials Library</td>
<td>2018-12-21</td>
<td>0.1000 - 0.5000</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Resin</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
<tr>
<td>Ethyl 4-[[Methylphenylamino]methylene]amino]benzoate</td>
<td>57834-33-0</td>
<td>Pharos Chemical and Materials Library</td>
<td>2018-12-21</td>
<td>0.1000 - 0.5000</td>
<td>LT-P1</td>
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<td>No</td>
<td>Curing Agent</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
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<tr>
<td>Ethylene glycol</td>
<td>107-21-1</td>
<td>Pharos Chemical and Materials Library</td>
<td>2018-12-21</td>
<td>0.0800 - 0.1500</td>
<td>BM-1</td>
<td>None</td>
<td>No</td>
<td>Freeze/Thaw Stabilizer</td>
<td>CA EPA - Prop 65</td>
<td>Developmental toxicity</td>
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<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>US NIH - Reproductive &amp; Developmental Monographs</td>
</tr>
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</table>
### PROPYLENE GLYCOL (PROPYLENE GLYCOL)

**ID:** 57-55-6

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2018-12-21

<table>
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<tr>
<th>%:</th>
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<th>No</th>
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<th>Solvent</th>
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**HAZARD TYPE**  
ENDOCRINE - TEDX - Potential Endocrine Disruptors

**WARNINGS**

### TETRAETHYLENEPENTAMINE

**ID:** 112-57-2

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2018-12-21

<table>
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<th>%:</th>
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<th>NANO:</th>
<th>No</th>
<th>ROLE:</th>
<th>Resin</th>
</tr>
</thead>
</table>

**HAZARD TYPE**  
CHRON AQUATIC - EU - GHS (H-Statements)

**WARNINGS**

- H411 - Toxic to aquatic life with long lasting effects
- H314 - Causes severe skin burns and eye damage
- H317 - May cause an allergic skin reaction

### DECANEDIOIC ACID, BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) ESTER;

**ID:** 41556-26-7

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2018-12-21

<table>
<thead>
<tr>
<th>%:</th>
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<th>LT-P1</th>
<th>RC:</th>
<th>None</th>
<th>NANO:</th>
<th>No</th>
<th>ROLE:</th>
<th>Curing Agent</th>
</tr>
</thead>
</table>

**HAZARD TYPE**  
PBT - EC - CEPA DSL

**WARNINGS**

- Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)

### SUBSTANCE NOTES:

The amount of this component may vary based on plant of manufacture.
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2018-12-21

**%:** 0.0100 - 0.0200  
**GS:** LT-UNK  
**RC:** None  
**NANO:** No  
**ROLE:** Rheology Modifier

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**

No hazards 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.

---

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2018-12-21

**%:** 0.0100 - 0.0200  
**GS:** LT-P1  
**RC:** None  
**NANO:** No  
**ROLE:** pH Adjuster

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**

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

**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.

---

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2018-12-21

**%:** 0.0100 - 0.0150  
**GS:** LT-UNK  
**RC:** None  
**NANO:** No  
**ROLE:** Rheology Modifier

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**

No hazards 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.

---

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2018-12-21

**%:** 0.0100 - 0.0200  
**GS:** LT-1  
**RC:** None  
**NANO:** No  
**ROLE:** Rheology Modifier

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**

DEVELOPMENTAL  
CA EPA - Prop 65  
Developmental toxicity

REPRODUCTIVE  
EU - SVHC Authorisation List  
Toxic to reproduction - Candidate list

REPRODUCTIVE  
EU - SVHC Authorisation List  
Toxic to reproduction - Prioritized for listing

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

**DEVELOPMENTAL**  
**CA EPA - Prop 65**  
**Developmental toxicity**

**REPRODUCTIVE**  
**EU - SVHC Authorisation List**  
**Toxic to reproduction - Candidate list**

**REPRODUCTIVE**  
**EU - SVHC Authorisation List**  
**Toxic to reproduction - Prioritized for listing**

**SKIN IRRITATION**  
**EU - GHS (H-Statements)**  
**H315 - Causes skin irritation**
<table>
<thead>
<tr>
<th>EYE IRRITATION</th>
<th>EU - GHS (H-Statements)</th>
<th>H319 - Causes serious eye irritation</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEVELOPMENTAL</td>
<td>EU - GHS (H-Statements)</td>
<td>H360D - May damage the unborn child</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>EU - REACH Annex XVII CMRs</td>
<td>Toxic to Reproduction Category 2 - Substances which should be regarded as if they impair fertility or cause Developmental Toxicity in humans</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>RESTRICTED LIST</td>
<td>US EPA - PPT Chemical Action Plans</td>
<td>TSCA Work Plan chemical - ongoing chemical (risk) assessment</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>Korea - GHS</td>
<td>Reproductive toxicity - Category 1 [H360 - May damage fertility or the unborn child]</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>New Zealand - GHS</td>
<td>6.8A - Known or presumed human reproductive or developmental toxicants</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>Japan - GHS</td>
<td>Toxic to reproduction - Category 1B</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>EU - Annex VI CMRs</td>
<td>Reproductive Toxicity - Category 1B</td>
</tr>
<tr>
<td>DEVELOPMENTAL</td>
<td>Australia - GHS</td>
<td>H360D - May damage the unborn child</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2018-12-21</th>
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<tbody>
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<td>GS: LT-P1</td>
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<td>GC: None</td>
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<td>MULTIPLE</td>
<td>NANO: No</td>
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<tr>
<td>German FEA - Substances Hazardous to Waters</td>
<td>ROLE: Surfactant</td>
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<tr>
<td>Class 2 - Hazard to Waters</td>
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</table>

**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**

<table>
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<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2018-12-21</th>
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</thead>
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<td>GS: LT-UNK</td>
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<td>HAZARD TYPE</td>
<td>RC: None</td>
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<tr>
<td>MULTIPLE</td>
<td>NANO: No</td>
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<tr>
<td>No hazards found</td>
<td>ROLE: Surfactant</td>
</tr>
</tbody>
</table>

**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>COMPONENT</th>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE: 2018-12-21</th>
</tr>
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<tbody>
<tr>
<td>Laticrete SpectraLock Pro Grout</td>
<td>Pharos Chemical and Materials Library</td>
<td></td>
</tr>
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</table>

**UNDISCLOSED**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2018-12-21  
%
0.0005 - 0.0006  
GS: LT-P1  
RC: None  
NANO: No  
ROLE: Rheology Modifier  

HAZARD TYPE  
AGENCY AND LIST TITLES  
WARNINGS  

ENDOCRINE  
TEDX - Potential Endocrine Disruptors  
Potential Endocrine Disruptor  

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: 2018-12-21  
%
0.0001 - 0.0002  
GS: LT-P1  
RC: None  
NANO: No  
ROLE: Surfactant  

HAZARD TYPE  
AGENCY AND LIST TITLES  
WARNINGS  

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

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.

**BISPHENOL A DIGLYCIDYL ETHER (BADGE)**  
ID: 25085-99-8  
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2018-12-21  
%
Impurity/Residual  
GS: LT-P1  
RC: None  
NANO: No  
ROLE: Impurity/Residual  

HAZARD TYPE  
AGENCY AND LIST TITLES  
WARNINGS  

ENDOCRINE  
EU - Priority Endocrine Disruptors  
Category 2 - In vitro evidence of biological activity related to Endocrine Disruption  

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

**UL GreenGuard Gold (SPECTRALOCK PRO)**

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>Third Party</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>Applies to All Facilities.</td>
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<tr>
<td>ISSUE DATE:</td>
<td>2009-07-07</td>
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<tr>
<td>EXPIRY DATE:</td>
<td>2019-12-09</td>
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<tr>
<td>CERTIFIER OR LAB:</td>
<td>UL Environment</td>
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CERTIFICATION AND COMPLIANCE NOTES: Meets LEED v4 Credit "Low Emitting Materials" Emissions Requirements. This product was tested in accordance with California Department of Public Health (CDPH) v1.2-2017 in an office and classroom environment.

VOC CONTENT

**TDS 251 "Low VOC LATICRETE® Products"**

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>Self-declared</th>
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<td>APPLICABLE FACILITIES:</td>
<td>Applies to All Facilities.</td>
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<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>
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<td>CERTIFIER OR LAB:</td>
<td>LATICRETE</td>
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CERTIFICATION AND COMPLIANCE NOTES: Meets LEED v4 Credit "Low Emitting Materials" VOC Content Requirements per SCAQMD Rule 1168 (Tile Adhesive).

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® PRO Grout does not meet Living Building Challenge requirements because it does contain a component which is found on the Red Listed Materials or Chemicals. Specifically, LATICRETE SPECTRALOCK PRO Grout contains Bisphenol A Diglycidyl Ether (BADGE) 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: www.laticrete.com

CONTACT NAME: Mitch Hawkins
TITLE: Senior Manager, Technical Services
PHONE: 203.393.4619
EMAIL: wmhawkins@laticrete.com

KEY

- OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
- GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

**Hazard Types**

- AQU Aquatic toxicity
- CAN Cancer
- DEV Developmental toxicity
- END Endocrine activity
- EYE Eye irritation/corrosivity
- GEN Gene mutation
- GLO Global warming
- MAM Mammalian/systemic/organ toxicity
- MUL Multiple hazards
- NEU Neurotoxicity
- OZO Ozone depletion
- PBT Persistent Bioaccumulative Toxic
- PHY Physical Hazard (reactive)
- REP Reproductive toxicity
- RES Respiratory sensitization
- SKI Skin sensitization/irritation/corrosivity
- LAN Land Toxicity
- NF Not found on Priority Hazard Lists

**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 (insufficient data to benchmark)

**Recycled Types**

- PreC Preconsumer (Post-Industrial)
- PostC Postconsumer
- Both Both Preconsumer and Postconsumer
- Unk Inclusion of recycled content is unknown
- None Does not include recycled content

**Other Terms**

**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

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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.