LATAPOXY® 310 Rapid Stone Adhesive by LATICRETE International

CLASSIFICATION: 09 75 00

PRODUCT DESCRIPTION: LATAPOXY® 310 Rapid Stone Adhesive is a two component, high strength epoxy adhesive, which is formulated for the spot bonding method of tile and stone installations on vertical surfaces. LATAPOXY 310 Rapid Stone Adhesive maintains its non-sag consistency at high temperatures up to 95°F (35°C).

Section 1: Summary

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.

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.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 1.01
Regulatory (g/l): N/A
Does the product contain exempt VOCs: No
Are ultra-low VOC tints available: N/A

CERTIFICATIONS AND COMPLIANCE

See Section 3 for additional listings.

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

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

RESIDUALS/IMPURITIES

All Substances Above the Threshold Indicated Are:

Characterized
Yes Ex/SC Yes No
Considered
Partially Considered
Not Considered

Screened
Yes Ex/SC Yes No

Identified
Yes Ex/SC Yes No

INVENTORY AND SCREENING NOTES:

Number of Greenscreen BM-4/BM3 contents ... 2
Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

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CERTIFICATIONS AND COMPLIANCE

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CONSISTENCY WITH OTHER PROGRAMS

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CERTIFICATIONS AND COMPLIANCE

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CONSISTENCY WITH OTHER PROGRAMS

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Are ultra-low VOC tints available: N/A

CERTIFICATIONS AND COMPLIANCE

See Section 3 for additional listings.

CONSISTENCY WITH OTHER PROGRAMS

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INVENTORY AND SCREENING NOTES:

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CERTIFICATIONS AND COMPLIANCE

See Section 3 for additional listings.

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

INVENTORY AND SCREENING NOTES:

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Are ultra-low VOC tints available: N/A

CERTIFICATIONS AND COMPLIANCE

See Section 3 for additional listings.

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

INVENTORY AND SCREENING NOTES:

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Does the product contain exempt VOCs: No
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CERTIFICATIONS AND COMPLIANCE

See Section 3 for additional listings.

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

INVENTORY AND SCREENING NOTES:

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### LATAPoxy® 310 Rapid Stone Adhesive

**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.

### UNDISCLOSED

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-03-16

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.00 - 25.00</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Filler</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**  
AGENCY AND LIST TITLES  
WARNINGS

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.

### CALCIUM CARBONATE

**ID:** 471-34-1

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-03-16

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.00 - 18.00</td>
<td>BM-3</td>
<td>None</td>
<td>No</td>
<td>Filler</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**  
AGENCY AND LIST TITLES  
WARNINGS

None found

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

### UNDISCLOSED

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-03-16

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.00 - 15.00</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Hardener</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**  
AGENCY AND LIST TITLES  
WARNINGS

None found

**SUBSTANCE NOTES:** The amount of this component may vary based on the plant of manufacture.
<table>
<thead>
<tr>
<th>Substance Name</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>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bisphenol A Diglycidyl Ether (BADGE)</td>
<td>25085-99-8</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-03-16</td>
<td>10.00</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Resin</td>
<td>None found. No warnings found on HPD Priority Hazard Lists.</td>
</tr>
<tr>
<td>Bis[[(Dimethylamino)Methyl]Phenol</td>
<td>71074-89-0</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-03-16</td>
<td>6.00</td>
<td>NoGS</td>
<td>None</td>
<td>No</td>
<td>Hardener</td>
<td>None found. No warnings found on HPD Priority Hazard Lists.</td>
</tr>
<tr>
<td>2,4,6-Tri(Dimethylaminomethyl)Phenol</td>
<td>90-72-2</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-03-16</td>
<td>3.00</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Hardener</td>
<td>None found. No warnings found on HPD Priority Hazard Lists.</td>
</tr>
<tr>
<td>Formaldehyde, Polymer with 2-(Chloromethyl)Oxirane and Phenol</td>
<td>9003-36-5</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-03-16</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>None found. No warnings found on HPD Priority Hazard Lists.</td>
</tr>
</tbody>
</table>

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

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

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

**EYE IRRITATION**
- **EU - GHS (H-Statements)** H319 - Causes serious eye irritation
### ALKYL (C12, C14) GLYCIDYL ETHER

ID: 68609-97-2

<table>
<thead>
<tr>
<th>%: 1.00 - 4.00</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 the plant of manufacture.

### UNDISCLOSED

<table>
<thead>
<tr>
<th>%: 0.50 - 1.00</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Filler</th>
</tr>
</thead>
</table>

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

**HAZARD TYPE**
- 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.

### TITANIUM DIOXIDE

ID: 13463-67-7

<table>
<thead>
<tr>
<th>%: 0.25 - 0.50</th>
<th>GS: LT-1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Pigment</th>
</tr>
</thead>
</table>

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

**HAZARD TYPE**
- 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.
<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<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 2B - Possibly carcinogenic to humans - inhaled from occupational sources</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels</td>
</tr>
</tbody>
</table>

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

---

**UNDISCLOSED**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2020-03-16</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.10 - 0.30</td>
<td>GS: LT-P1</td>
</tr>
<tr>
<td>RC: None</td>
<td>NANO: No</td>
</tr>
<tr>
<td>ROLE: Thickener</td>
<td></td>
</tr>
</tbody>
</table>

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<tr>
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<tbody>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
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</tr>
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<tbody>
<tr>
<td>%: 0.05 - 0.15</td>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td>RC: None</td>
<td>NANO: No</td>
</tr>
<tr>
<td>ROLE: Strength Enhancer</td>
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</tr>
</tbody>
</table>

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<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</td>
</tr>
</tbody>
</table>

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**UNDISCLOSED**

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<th>HAZARD SCREENING DATE: 2020-03-16</th>
</tr>
</thead>
</table>
**CALCIUM CARBONATE**

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-03-16

<table>
<thead>
<tr>
<th>%:</th>
<th>Impurity/Residual</th>
<th>GS: BM-3</th>
<th>RC: None</th>
<th>Nano: No</th>
<th>ROLE: Impurity/Residual</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>None found</td>
<td></td>
<td>No warnings found on HPD Priority Hazard Lists</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>Self-declared</th>
<th>ISSUE DATE:</th>
<th>2019-01-22</th>
<th>EXPIRY DATE:</th>
<th>CERTIFIER OR LAB: LATICRETE</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>Applies to All Facilities.</td>
<td>CERTIFICATE URL:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES:</td>
<td>LATAPOXY® 310 Rapid Stone Adhesive has not been tested for VOC emissions.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

VOC CONTENT

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>Self-declared</th>
<th>ISSUE DATE:</th>
<th>2019-01-22</th>
<th>EXPIRY DATE:</th>
<th>CERTIFIER OR LAB: LATICRETE</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>Applies to All Facilities.</td>
<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>
<td></td>
<td></td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES:</td>
<td>Meets LEED v4 Credit &quot;Low Emitting Materials&quot; Content Requirements per SCAQMD Rule 1168 (Tile Adhesive).</td>
<td></td>
<td></td>
<td></td>
<td></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

LATAPOXY® 310 Rapid Stone Adhesive does not meet Living Building Challenge v4.0 requirements because it does contain a component which is found on the Red List of Materials or Chemicals. Specifically, LATAPOXY 310 Rapid Stone Adhesive 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.
### Section 6: References

**MANUFACTURER INFORMATION**

<table>
<thead>
<tr>
<th>MANUFACTURER: LATICRETE International</th>
<th>CONTACT NAME: Mitch Hawkins</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADDRESS: 1 Laticrete Park North</td>
<td>TITLE: Senior Manager, Technical Services</td>
</tr>
<tr>
<td>Bethany CT 06524, USA</td>
<td>PHONE: 203-393-4619</td>
</tr>
<tr>
<td>WEBSITE: <a href="https://laticrete.com">https://laticrete.com</a></td>
<td>EMAIL: <a href="mailto:wmhawkins@laticrete.com">wmhawkins@laticrete.com</a></td>
</tr>
</tbody>
</table>

### KEY

<table>
<thead>
<tr>
<th>Hazard Types</th>
<th>GLO Global warming</th>
<th>PHY Physical Hazard (reactive)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AQU Aquatic toxicity</td>
<td>MAM Mammalian/systemic/organ toxicity</td>
<td></td>
</tr>
<tr>
<td>CAN Cancer</td>
<td>MUL Multiple hazards</td>
<td></td>
</tr>
<tr>
<td>DEV Developmental toxicity</td>
<td>NEU Neurotoxicity</td>
<td></td>
</tr>
<tr>
<td>END Endocrine activity</td>
<td>OZO Ozone depletion</td>
<td></td>
</tr>
<tr>
<td>EYE Eye irritation/corrosivity</td>
<td>PBT Persistent Bioaccumulative Toxic</td>
<td></td>
</tr>
<tr>
<td>GEN Gene mutation</td>
<td>GLO Global warming</td>
<td></td>
</tr>
</tbody>
</table>

**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

**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**
- **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.