LATAPOXY® 300 Adhesive
by LATICRETE International

CLASSIFICATION: 09 30 00

PRODUCT DESCRIPTION: LATAPOXY 300 Adhesive is a chemical resistant, epoxy adhesive that will bond to most sound, clean surfaces. Adhesive spreads easily and cleans with water while fresh. LATAPOXY 300 Adhesive is a factory-proportioned kit consisting of epoxy resin, hardener and chemical resistant silica filler.

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

Residuals/Impurities
- Considered
- Partially Considered
- Not Considered

All Substances Above the Threshold Indicated Are:
- Characterized Yes Ex/SC Yes ☐ No ☐
- Screened Yes ☐ No ☐
- Identified Yes ☐ No ☐

Explanation(s) provided for Residuals/Impurities?
- Yes ☐ No ☐

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
LATAPOXY® 300 ADHESIVE | BISPHENOL A DIGLYCIDYL ETHER (BADGE) | LT-P1 | CAN
| TETRAETHYLENEPENTAMINE | LT-P1 | MUL
| TITANIUM DIOXIDE | LT-1 | CAN
| 2,4,6-TRI(DIMETHYLAMINOMETHYL)PHENOL | LT-UNK | SKI | EYE

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

See Section 3 for additional listings.

VOC emissions: UL GreenGuard Gold (LATAPOXY 300)
VOC content: TDS 251 “Low VOC LATICRETE® Products”

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1
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)

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**LATAPOXY® 300 ADHESIVE**

<table>
<thead>
<tr>
<th>PRODUCT THRESHOLD:</th>
<th>100 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESIDUALS AND IMPURITIES CONSIDERED:</td>
<td>Yes</td>
</tr>
<tr>
<td>RESIDUALS AND IMPURITIES NOTES:</td>
<td>Residuals and impurities are measured by quantitative methods and are only displayed when they are potentially greater than 100 ppm.</td>
</tr>
<tr>
<td>OTHER PRODUCT NOTES:</td>
<td>See SDS at <a href="http://www.laticrete.com">www.laticrete.com</a> for occupational exposure information.</td>
</tr>
</tbody>
</table>

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**UNDISCLOSED**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD:</th>
<th>Pharos Chemical and Materials Library</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD SCREENING DATE:</td>
<td>2018-12-21</td>
</tr>
<tr>
<td>GS:</td>
<td>NoGS</td>
</tr>
<tr>
<td>RC:</td>
<td>None</td>
</tr>
<tr>
<td>NANO:</td>
<td>No</td>
</tr>
<tr>
<td>ROLE:</td>
<td>Filler</td>
</tr>
<tr>
<td>%:</td>
<td>35.0000 - 42.0000</td>
</tr>
</tbody>
</table>

**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.

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**QUARTZ**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD:</th>
<th>Pharos Chemical and Materials Library</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD SCREENING DATE:</td>
<td>2018-12-21</td>
</tr>
<tr>
<td>GS:</td>
<td>LT-1</td>
</tr>
<tr>
<td>RC:</td>
<td>None</td>
</tr>
<tr>
<td>NANO:</td>
<td>No</td>
</tr>
<tr>
<td>ROLE:</td>
<td>Filler</td>
</tr>
<tr>
<td>%:</td>
<td>22.0000 - 30.0000</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

- **AGENCY AND LIST TITLES**
- **WARNINGS**

- **CANCER**
  - IARC: Group 1 - Agent is Carcinogenic to humans
  - US CDC - Occupational Carcinogens: Occupational Carcinogen
  - CA EPA - Prop 65: Carcinogen - specific to chemical form or exposure route
  - IARC: Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
  - US NIH - Report on Carcinogens: Known to be Human Carcinogen (respirable size - occupational setting)
  - MAK: Carcinogen Group 1 - Substances that cause cancer in man
  - New Zealand - GHS: 6.7A - Known or presumed human carcinogens
Cancer

| Substance Notes | Japan - GHS | Carcinogenicity - Category 1A | Australia - GHS | H350i - May cause cancer by inhalation |

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

**Bisphenol A Diglycidyl Ether (BADGE)**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2018-12-21</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 10.0000 - 16.0000</td>
<td>GS: LT-P1</td>
</tr>
<tr>
<td>HAZARD TYPE:</td>
<td>AGENCY AND LIST TITLES:</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>EU - Priority Endocrine Disruptors</td>
</tr>
<tr>
<td>Category 2 - In vitro evidence of biological activity related to Endocrine Disruption</td>
<td></td>
</tr>
</tbody>
</table>

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

**Fatty Acids, Tall-Oil, Reaction Products with Tetraethylenepentamine**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2018-12-21</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 6.0000 - 9.0000</td>
<td>GS: LT-P1</td>
</tr>
<tr>
<td>HAZARD TYPE:</td>
<td>AGENCY AND LIST TITLES:</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
</tr>
<tr>
<td>Class 2 - Hazard to Waters</td>
<td></td>
</tr>
</tbody>
</table>

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

**Calcium Carbonate**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2018-12-21</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 4.0000 - 7.0000</td>
<td>GS: BM-3</td>
</tr>
<tr>
<td>HAZARD TYPE:</td>
<td>AGENCY AND LIST TITLES:</td>
</tr>
<tr>
<td>No hazards found</td>
<td></td>
</tr>
</tbody>
</table>

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

**Formaldehyde, Polymer with 2-(Chloromethyl)oxide and Phenol**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2018-12-21</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 2.0000 - 4.0000</td>
<td>GS: LT-P1</td>
</tr>
<tr>
<td>HAZARD TYPE:</td>
<td>AGENCY AND LIST TITLES:</td>
</tr>
<tr>
<td>ROLE: Resin</td>
<td></td>
</tr>
</tbody>
</table>

LATAPOXY 300 Adhesive

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### 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>%: 1.0000 - 4.0000</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Resin</th>
</tr>
</thead>
</table>

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

### TETRAETHYLENEPENTAMINE

**ID:** 112-57-2

**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: Curing Agent</th>
</tr>
</thead>
</table>

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

### TITANIUM DIOXIDE

**ID:** 13463-67-7

**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-1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Pigment</th>
</tr>
</thead>
</table>

**SUBSTANCE NOTES:** The amount of this component may vary based on the 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>
</tr>
</thead>
<tbody>
<tr>
<td>2,4,6-TRI(DIMETHYLAMINOMETHYL)PHENOL</td>
<td>90-72-2</td>
<td>Pharos Chemical and Materials Library</td>
<td>2018-12-21</td>
<td>0.2000 - 0.6000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Curing Agent</td>
</tr>
<tr>
<td>AMINOETHYLPIPERAZINE</td>
<td>140-31-8</td>
<td>Pharos Chemical and Materials Library</td>
<td>2018-12-21</td>
<td>0.1000 - 1.0000</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Curing Agent</td>
</tr>
</tbody>
</table>

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

**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: 2018-12-21</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.0500 - 0.1000</td>
<td>GS: LT-P1</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</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 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>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.0100 - 0.0300</td>
<td>GS: NoGS</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td>No hazards found</td>
<td></td>
</tr>
</tbody>
</table>

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

### BISPHENOL A DIGLYCIDYL ETHER (BADGE)

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2018-12-21</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: Impurity/Residual</td>
<td>GS: LT-P1</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>EU - Priority Endocrine Disruptors</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 (LATAPOXY 300)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Third Party</td>
<td>Issue Date: 2009-07-07</td>
</tr>
<tr>
<td>UL Environment</td>
<td>Expiry Date: 2019-12-09</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>TDS 251 &quot;Low VOC LATICRETE® Products&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self-declared</td>
<td>Issue Date: 2018-12-18</td>
</tr>
<tr>
<td>LATICRETE</td>
<td>Expiry Date:</td>
</tr>
</tbody>
</table>

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

LATAPOXY® 300 Adhesive does not meet Living Building Challenge requirements because it does contain a component which is found on the Red Listed Materials or Chemicals. Specifically, LATAPOXY 300 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

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)
LT-P1 List Translator Possible Benchmark 1
LT-1 List Translator Likely Benchmark 1
LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
NoGS Unknown (no data on List Translator Lists)

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

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.