LATICRETE® SUPERCAP® Moisture Vapor Control
by LATICRETE International

Health Product Declaration v2.2
created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 22121
CLASSIFICATION: 09 96 56 Epoxy Coatings
PRODUCT DESCRIPTION: LATICRETE® SUPERCAP® Moisture Vapor Control is a single-coat, 100% solids, liquid applied 2-part epoxy coating specifically designed for controlling the moisture vapor emission rate from new or existing concrete slabs prior to installing LATICRETE SUPERCAP underlayment.

Section 1: Summary

Basic Method / Product Threshold

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
- Other

Residuals/Impurities
- Considered
- Partially Considered
- Not Considered

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

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

% weight and role provided for all substances.
Screened
- Yes Ex/SC
- Yes
- No

One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance.
Identified
- Yes Ex/SC
- Yes
- No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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 SUPERCAP MOISTURE VAPOR CONTROL | BISPHENOL A EPICHLOROHYDRIN POLYMER LT-P1 | AQU | SKI | EYE | MUL
CARBOMONOCYCLIC ALKYLATED MIXTURES OF POLY-AZA-ALKANES | Not Screened | FORMALDEHYDE, POLYMER WITH 2-(CHLOROMETHYL)OXIRANE AND PHENOL LT-P1 | MUL ALKYL (C12, C14) GLYCIDYL ETHER LT-P1 | SKI | MUL
1,4-BIS(2,3-EPOXYPROPOXY)BUTANE LT-UNK | SKI | EYE | MUL
UNDISCLOSED BM-2 P-TERT-BUTYLPHENOL LT-1 | END | AQU | SKI | REP | MUL
1,6-Hexanediame, 2,2,4(OR 2,4,4)-TRIMETHYL LT-P1 | MUL | MAM | GEN | CAN | MUL
BISPHENOL A EPICHLOROHYDRIN POLYMER LT-P1 | AQU | SKI | EYE | MUL
METHOXYISOPROPYL ACETATE LT-JUNK |

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 9.4
Regulatory (g/l): 9.4

Does the product contain exempt VOCs: No
Are ultra-low VOC tints available: N/A

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1

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.

CERTIFICATIONS AND COMPLIANCE

See Section 3 for additional listings.

VOC emissions: UL GreenGUard Gold (SUPERCAP MVC)
VOC content: TDS 251 "Low VOC LATICRETE® Products"

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?
- Yes
- No

PREPARER: Self-Prepared
VERIFIER: 
VERIFICATION #: 
SCREENING DATE: 2020-10-05
PUBLISHED DATE: 2020-10-05
EXPIRY DATE: 2023-10-05
### LATICRETE SUPERCAP MOISTURE VAPOR CONTROL

**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 laticretesupercap.com for occupational exposure information.

#### BISPHENOL A EPICHLOROHYDRIN POLYMER

**ID:** 25068-38-6

**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>40.0000 - 48.0000</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Curing agent</td>
</tr>
</tbody>
</table>

**Hazard Type:**

- **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.

#### CARBOMONOCYCLIC ALKYLATED MIXTURES OF POLY-AZA-ALKANES

**ID:** Not Registered

**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>20.0000 - 26.0000</td>
<td>Not Screened</td>
<td>None</td>
<td>No</td>
<td>Curing agent</td>
</tr>
</tbody>
</table>

**Hazard Type:**

**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.

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

**ID:** 9003-36-5

**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>7.0000 - 12.0000</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Curing agent</td>
</tr>
</tbody>
</table>

**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.

#### ALKYL (C12, C14) GLYCIDYL ETHER

**ID:** 68609-97-2

**Hazard Screening Method:** Pharos Chemical and Materials Library

**Hazard Screening Date:** 2020-10-05

**Substance Notes:**
**1,4-BIS(2,3-EPoxyproPOxy)BUTANE**

<table>
<thead>
<tr>
<th>Percentage: 2.5000 - 4.0000</th>
<th>Substance Role: Diluent</th>
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</thead>
<tbody>
<tr>
<td>GS: LT-UNK</td>
<td>RC: None</td>
</tr>
<tr>
<td>NANO: No</td>
<td></td>
</tr>
</tbody>
</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
- EYE IRRITATION: EU - GHS (H-Statements) | H318 - Causes serious eye irritation
- SKIN SENSITIZE: MAK | Sensitizing Substance Sh - Danger of skin sensitization

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

**HAZARD SCREENING DATE**: 2020-10-05

**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>Percentage: 2.0000 - 4.0000</th>
<th>Substance Role: Activator</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS: BM-2</td>
<td>RC: None</td>
</tr>
<tr>
<td>NANO: No</td>
<td></td>
</tr>
</tbody>
</table>

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

**HAZARD SCREENING DATE**: 2020-10-05

**ENDOCRINE**
- EU - Priority Endocrine Disruptors | Category 2 - In vitro evidence of biological activity related to Endocrine Disruption
- CHRON AQUATIC: EU - GHS (H-Statements) | H410 - Very toxic to aquatic life with long lasting effects
- SKIN IRRITATION: EU - GHS (H-Statements) | H315 - Causes skin irritation
- EYE IRRITATION: EU - GHS (H-Statements) | H318 - Causes serious eye damage
- REPRODUCTIVE: EU - GHS (H-Statements) | H361f - Suspected of damaging fertility
- ENDOCRINE: ChemSec - SIN List | Endocrine Disruption
- ENDOCRINE: TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor

**MULTIPLE**
- German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters
- MAK | Sensitizing Substance Sh - Danger of skin sensitization
- ENDOCRINE: OSPAR - Priority PBTs & EDs & equivalent concern | Endocrine Disruptor - Substance of Possible Concern

**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.
1,3-BENZENEDIMETHANAMINE

ID: 1477-55-0
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-10-05

%: 2.0000 - 3.0000
GS: LT-P1
RC: None
NANO: No
SUBSTANCE ROLE: Activator

HAZARD TYPE
AGENCY AND UST TITLES
WARNINGS

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 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.

UREA, N, N'-BIS[3-(DIMETHYLAMINO)PROPYL]-

ID: 52338-87-1
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-10-05

%: 0.4000 - 0.5000
GS: LT-P1
RC: None
NANO: No
SUBSTANCE ROLE: Activator

HAZARD TYPE
AGENCY AND UST 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.

1,6-HEXANEDIAMINE, 2,2,4(OR 2,4,4)-TRIMETHYL-

ID: 25513-64-8
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-10-05

%: 0.3000 - 0.5000
GS: LT-P1
RC: None
NANO: No
SUBSTANCE ROLE: Activator

HAZARD TYPE
AGENCY AND UST 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.

UNDISCLOSED

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

%: 0.1000 - 0.3000
GS: LT-1
RC: None
NANO: No
SUBSTANCE ROLE: Defoamer
<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bisphenol A Epichlorohydrin Polymer</td>
<td>25068-38-6</td>
</tr>
<tr>
<td>Methoxyisopropyl Acetate</td>
<td>108-65-6</td>
</tr>
</tbody>
</table>

### BISPHENOL A EPICHLOROHYDRIN POLYMER

**ID:** 25068-38-6

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

**HAZARD SCREENING DATE:** 2020-10-05

<table>
<thead>
<tr>
<th>%: 0.0100 - 1.0000</th>
<th>GS: LT-P1</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>NANO: No</th>
<th>SUBSTANCE ROLE: Residual</th>
</tr>
</thead>
</table>

**HAZARD TYPE**

- **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 3 - Severe 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.

### METHOXYISOPROPYL ACETATE

**ID:** 108-65-6

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

**HAZARD SCREENING DATE:** 2020-10-05

<table>
<thead>
<tr>
<th>%: 0.0100 - 0.0150</th>
<th>GS: LT-UNK</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>NANO: No</th>
<th>SUBSTANCE ROLE: Defoamer</th>
</tr>
</thead>
</table>

**HAZARD TYPE**

- **MULTIPLE**
  - ChemSec - SIN List
  - CMR - Carcinogenic, Mutagen &/or Reproductive Toxicant

**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.
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 (SUPERCAP MVC)**

<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>
</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>
</tbody>
</table>

CERTIFICATION AND COMPLIANCE NOTES: Meets LEED v4.1 Credit "Low Emitting Materials" Emissions Requirements. This product was tested in accordance with California Department of Public Health (CDPH) v1.2 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>
</tr>
</thead>
<tbody>
<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>
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<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>LATICRETE</td>
</tr>
</tbody>
</table>

CERTIFICATION AND COMPLIANCE NOTES: Meets LEED v4.1 Credit "Low Emitting Materials" VOC Content Requirements per SCAQMD Rule 1113 (Waterproofing Sealers).

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® SUPERCAP® Moisture Vapor Control 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 SUPERCAP Moisture Vapor Control contains Bisphenol A Epichlorohydrin Polymer as stated in Section 2 of this HPD in an amount greater than the LBC Small Component Clause maximum threshold.
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 v2.2 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 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.