LATICRETE® NXT™ Vapor Reduction Coating by LATICRETE International

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

HPD UNIQUE IDENTIFIER: 22047
CLASSIFICATION: 09 96 56 Epoxy Coatings
PRODUCT DESCRIPTION: LATICRETE® NXT™ Vapor Reduction Coating 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 NXT underlayments.

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

Exploration 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
--- | --- | --- | --- | ---
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 | ALKYD, C12, C14 | GLYCIDYL ETHER | LT-P1 | SIN | EYE | MUL | 1,4-BIS(2,3-EPOXYPROPIONYLBUTANE | LT-UNK | SKI | EYE | UNDISCLOSED | LT-2 | END | AQU | SKI | EYE | REP | MUL | 1,3-BENZENEDIAMINE | LT-P1 | MUL | UREA, N, N'-BIS[3-(DIMETHYLAMINO)PROPYL] | LT-P1 | MUL | 1,6-HEXANEDIAMINE, 2,2,4(OR 2,4,4)-TRIMETHYL- | LT-P1 | MUL | UNDISCLOSED | LT-3 | END | BISPHENOL A | LT-P1 | AQU | SKI | EYE | MUL | METHOXISOPROPYL ACETATE | LT-UNK | MULL

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

CERTIFICATIONS AND COMPLIANCE

See Section 3 for additional listings.

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

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

PREPARER: Self-Prepared
VERIFIER: VERIFICATION #:
SCREENING DATE: 2020-10-01
PUBLISHED DATE: 2020-10-01
EXPIRY DATE: 2023-10-01
## Section 2: Content in Descending Order of Quantity

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 2.2, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-2-standard](http://www.hpd-collaborative.org/hpd-2-2-standard)

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

### BISPHENOL A EPICHLOROHYDRIN POLYMER

**ID:** 25068-38-6

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2020-10-01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>%:</strong> 40.0000 - 48.0000</td>
<td><strong>GII:</strong> LT-P1</td>
</tr>
</tbody>
</table>

**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.

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

**ID:** Not Registered

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2020-10-01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>%:</strong> 20.0000 - 26.0000</td>
<td><strong>GII:</strong> Not Screened</td>
</tr>
</tbody>
</table>

**HAZARD TYPE:**

**AGENCY AND UST TITLES:**

**WARNINGS:**

- Hazard Screening not performed

**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>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2020-10-01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>%:</strong> 7.0000 - 12.0000</td>
<td><strong>GII:</strong> LT-P1</td>
</tr>
</tbody>
</table>

**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 plant of manufacture.

### ALKYL (C12, C14) GLYCIDYL ETHER

**ID:** 68609-97-2

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2020-10-01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>%:</strong> 5.0000 - 9.0000</td>
<td><strong>GII:</strong> LT-P1</td>
</tr>
</tbody>
</table>
**1,4-BIS(2,3-EPOXYPROPOXY)BUTANE**

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>

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

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**UNDISCLOSED**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2020-10-01</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 2.0000 - 4.0000</td>
<td>GS: BM-2</td>
<td>RC: None</td>
</tr>
<tr>
<td>SUBSTANCE ROLE:</td>
<td>ACTIVATOR</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.

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**P-TERT-BUTYLPHENOL**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2020-10-01</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 2.0000 - 3.5000</td>
<td>GS: LT-1</td>
<td>RC: None</td>
</tr>
<tr>
<td>SUBSTANCE ROLE:</td>
<td>ACTIVATOR</td>
<td></td>
</tr>
</tbody>
</table>

**ENDOCRINE**

<table>
<thead>
<tr>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU - Priority Endocrine Disruptors</td>
<td>Category 2 - In vitro evidence of biological activity related to Endocrine Disruption</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHRON AQUATIC</td>
<td>H410 - Very toxic to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SKIN IRRITATION</td>
<td>H315 - Causes skin irritation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>EYE IRRITATION</td>
<td>H318 - Causes serious eye damage</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>REPRODUCTIVE</td>
<td>H361f - Suspected of damaging fertility</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENDOCRINE</td>
<td>Endocrine Disruption</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENDOCRINE</td>
<td>Potential Endocrine Disruptor</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MULTIPLE</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SKIN SENSITIZE</td>
<td>Sensitizing Substance Sh - Danger of skin sensitization</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENDOCRINE</td>
<td>Endocrine Disruptor - Substance of Possible Concern</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** The amount of this component may vary based on plant of manufacture.
### 1,3-BENZENEDIAMINE

**ID:** 1477-55-0

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

**HAZARD SCREENING DATE:** 2020-10-01

<table>
<thead>
<tr>
<th>%</th>
<th>2.0000 - 3.0000</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS</td>
<td>LT-P1</td>
</tr>
<tr>
<td>RC</td>
<td>None</td>
</tr>
<tr>
<td>NANO</td>
<td>No</td>
</tr>
<tr>
<td>SUBSTANCE ROLE</td>
<td>Activator</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

**AGENCY AND UST TITLES**

**WARNINGS**

**MULTIPLE**

**German FEA - Substances Hazardous to Waters**

**CLASS:** 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.

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

**ID:** 52338-87-1

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

**HAZARD SCREENING DATE:** 2020-10-01

<table>
<thead>
<tr>
<th>%</th>
<th>0.4000 - 0.5000</th>
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<tbody>
<tr>
<td>GS</td>
<td>LT-P1</td>
</tr>
<tr>
<td>RC</td>
<td>None</td>
</tr>
<tr>
<td>NANO</td>
<td>No</td>
</tr>
<tr>
<td>SUBSTANCE ROLE</td>
<td>Activator</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

**AGENCY AND UST TITLES**

**WARNINGS**

**MULTIPLE**

**German FEA - Substances Hazardous to Waters**

**CLASS:** Class 2 - Hazard to Waters

**SUBSTANCE NOTES:** The amount of this component may vary based on 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:** 2020-10-01

<table>
<thead>
<tr>
<th>%</th>
<th>0.3000 - 0.5000</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS</td>
<td>LT-P1</td>
</tr>
<tr>
<td>RC</td>
<td>None</td>
</tr>
<tr>
<td>NANO</td>
<td>No</td>
</tr>
<tr>
<td>SUBSTANCE ROLE</td>
<td>Activator</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

**AGENCY AND UST TITLES**

**WARNINGS**

**MULTIPLE**

**German FEA - Substances Hazardous to Waters**

**CLASS:** Class 2 - Hazard to Waters

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

### UNDISCLOSED

**ID:** 52338-87-1

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

**HAZARD SCREENING DATE:** 2020-10-01

<table>
<thead>
<tr>
<th>%</th>
<th>0.1000 - 0.3000</th>
</tr>
</thead>
<tbody>
<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>SUBSTANCE ROLE</td>
<td>Defoamer</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

**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**

**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**

**ChemSec - SIN List**

**CMR - Carcinogen, Mutagen &/or Reproductive Toxicant**

**ENDOCRINE**

**TEDX - Potential Endocrine Disruptors**

**Potential Endocrine Disruptor**

**MULTIPLE**

**German FEA - Substances Hazardous to Waters**

**CLASS:** Class 3 - Severe 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 - 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. 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 EPICHLOROHYDRIN POLYMER

**Hazard Screening Method:** Pharos Chemical and Materials Library  
**Hazard Screening Date:** 2020-10-01

<table>
<thead>
<tr>
<th>%</th>
<th>Impurity/Residual</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>Substance Role</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Impurity/Residual</td>
<td></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 100 ppm.

### METHYOXYISOPROPYL ACETATE

**Hazard Screening Method:** Pharos Chemical and Materials Library  
**Hazard Screening Date:** 2020-10-01

<table>
<thead>
<tr>
<th>%</th>
<th>0.0100 - 0.0150</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>Substance Role</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Defoamer</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>VOC EMISSIONS</th>
<th>UL GreenGuard Gold (NXT VRC)</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>CERTIFICATE URL:</td>
<td><a href="http://certificates.ulenvironment.com/default.aspx?id=57410&amp;t=cs">Link</a></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>

<table>
<thead>
<tr>
<th>VOC CONTENT</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">Link</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 1113 (Waterproofing Sealers).</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® NXT™ Vapor Reduction Coating does not meet Living Building Challenge requirements because it does contain a component which is found on the Red Listed Materials or Chemicals v4.0. Specifically, LATICRETE NXT Vapor Reduction Coating 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.
### 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

<table>
<thead>
<tr>
<th>Hazard Types</th>
<th></th>
<th>Hazard Types</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>QUA</td>
<td>Aquatic toxicity</td>
<td>LAN</td>
<td>Land toxicity</td>
</tr>
<tr>
<td>CAN</td>
<td>Cancer</td>
<td>MAM</td>
<td>Mammalian/systemic/organ toxicity</td>
</tr>
<tr>
<td>DEV</td>
<td>Developmental toxicity</td>
<td>NEU</td>
<td>Neurotoxicity</td>
</tr>
<tr>
<td>END</td>
<td>Endocrine activity</td>
<td>NF</td>
<td>Not found on Priority Hazard Lists</td>
</tr>
<tr>
<td>EYE</td>
<td>Eye irritation/irritation/corrosivity</td>
<td>OZO</td>
<td>Ozone depletion</td>
</tr>
<tr>
<td>GEN</td>
<td>Gene mutation</td>
<td>PBT</td>
<td>Persistent, bioaccumulative, and toxic</td>
</tr>
<tr>
<td>GLO</td>
<td>Global warming</td>
<td>PHY</td>
<td>Physical hazard (flammable or reactive)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>RES</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SKI</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>UNK</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GreenScreen (GS)</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BM-4 Benchmark 4</td>
<td>(prefer-safer chemical)</td>
<td>LT-1 List Translator 1 (Likely Benchmark-1)</td>
<td></td>
</tr>
<tr>
<td>BM-3 Benchmark 2</td>
<td>(use but still opportunity for improvement)</td>
<td>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.)</td>
<td></td>
</tr>
<tr>
<td>BM-1 Benchmark 1</td>
<td>(avoid - chemical of high concern)</td>
<td>NoGS No GreenScreen.</td>
<td></td>
</tr>
<tr>
<td>BM-U Benchmark Unspecified (due to insufficient data)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LT-P1 List Translator Possible 1 (Possible Benchmark-1)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Recycled Types</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PreC</td>
<td>Pre-consumer recycled content</td>
</tr>
<tr>
<td>PostC</td>
<td>Post-consumer recycled content</td>
</tr>
<tr>
<td>UNK</td>
<td>Inclusion of recycled content is unknown</td>
</tr>
<tr>
<td>None</td>
<td>Does not include recycled content</td>
</tr>
</tbody>
</table>

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.