SPARTACOTE™ Moisture Vapor Barrier
by LATICRETE International

CLASSIFICATION: 09 96 56.00

PRODUCT DESCRIPTION: SPARTACOTE Moisture Vapor Barrier 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. This product is oil tolerant and reduces the emission of oils and other chemicals from the substrate.

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
- 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 Ex/SC
  - Yes
  - No
- Identified
  - Yes Ex/SC
  - 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 | GREENSCREEN SCORE | HAZARD TYPE
--- | --- | --- | --- | ---
SPARTACOTE™ MOISTURE VAPOR BARRIER | [BISPHENOL A DIGLYCIDYL ETHER (BADGE) LT-P1] | END FORMALDEHYDE, POLYMER WITH 2-(CHLOROMETHYL)OXIRANE AND PHENOL LT-P1 | MUL CARBOMONOCYCLIC ALKYLATED MIXTURES OF POLY-ATA-ALKANES, HYDROGENATED | Not Screened | SKI | EYE | AQU | MAM ALKYL (C12, C14) GLYCIDYL ETHER LT-P1 | SKI | MUL M-XYLENE-ALPHA,ALPHA’-DIAMINE LT-P1 | MUL | SKI BUTANEDIOLDIGLYCIDYL ETHER LT-UNK | SKI | EYE TRIMETHYLHEXAMETHYLENEDIAMINE LT-P1 | MUL BUTYLPHEN LT-P1 | END | SKI | EYE | REP | MUL UNDISCLOSED NoGS UNDISCLOSED LT-1 | MAM | GEN | CAN | MUL | END UREA, N, N’-BIS[3-DIMETHYLAMINO)PROPYL]- LT-P1 | MUL UNDISCLOSED LT-UNK BISPHENOL A DIGLYCIDYL ETHER (BADGE) LT-P1 | END

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 Certified
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

VERIFICATION #:

SCREENING DATE: 2018-12-21
PUBLISHED DATE: 2018-12-21
EXPIRY DATE: 2021-12-21

HPD v2.1.1 created via HPDC Builder
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 2.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

### SPARTACOTE™ MOISTURE VAPOR BARRIER

**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.

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### BISPHENOL A DIGLYCIDYL ETHER (BADGE)

**ID:** 25085-99-8

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

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>30.0000 - 50.0000</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Resin</td>
</tr>
</tbody>
</table>

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

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

**ID:** 9003-36-5

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

<table>
<thead>
<tr>
<th>%</th>
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<th>ROLE</th>
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</thead>
<tbody>
<tr>
<td>7.0000 - 12.0000</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Resin</td>
</tr>
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</table>

**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 plant of manufacture.

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

**ID:** Undisclosed

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

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
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<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.0000 - 10.0000</td>
<td>Not Screened</td>
<td>None</td>
<td>No</td>
<td>Resin</td>
</tr>
</tbody>
</table>

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

**SUBSTANCE NOTES:**

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**SPARTACOTE Moisture Vapor Barrier**

hpdrepository.hpd-collaborative.org  
HPD v2.1.1 created via HPDC Builder Page 2 of 8
### 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>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.0000 - 10.0000</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Hardener</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
- 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.

### M-XYLENE-ALPHA,ALPHA’-DIAMINE

**ID:** 1477-55-0

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

<table>
<thead>
<tr>
<th>%</th>
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<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5000 - 15.0000</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Resin</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**
- 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 plant of manufacture.

### BUTANEDIOLDIGLYCIDYL ETHER

**ID:** 2425-79-8

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

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0000 - 5.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Curing Agent</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)  
  - H319 - Causes serious eye irritation
- SKIN SENSITIZE  
  - MAK  
  - Sensitizing Substance Sh - Danger of skin sensitization
<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>WARNINGS</th>
</tr>
</thead>
</table>
| TRIMETHYLHEXAMETHYLENEDIAMINE | 25620-58-0 | Pharos Chemical and Materials Library  | 2018-12-21                  | 1.0000 - 5.0000 | LT-P1 | None | No   | Resin   | MULTIPLE
|           |             |                                        |                            |                 |      |     |      |         | German FEA - Substances Hazardous to Waters                              |
| BUTYLPHEN | 98-54-4     | Pharos Chemical and Materials Library  | 2018-12-21                  | 1.0000 - 4.0000 | LT-P1 | None | No   | Resin   | MULTIPLE
|           |             |                                        |                            |                 |      |     |      |         | German FEA - Substances Hazardous to Waters                              |
| UNDISCLOSED |           | Pharos Chemical and Materials Library  | 2018-12-21                  | 0.5000 - 1.0000 | NoGS  | None | No   | Curing Agent | MULTIPLE
|           |             |                                        |                            |                 |      |     |      |         | German FEA - Substances Hazardous to Waters                              |

SUBSTANCE NOTES: The amount of this component may vary based on the 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</th>
<th>2018-12-21</th>
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<tbody>
<tr>
<td>%:</td>
<td>0.1000 - 0.2000</td>
<td>GS:</td>
<td>LT-1</td>
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<tr>
<td>WARNINGS</td>
<td></td>
<td>NANO:</td>
<td>No</td>
</tr>
<tr>
<td>ROLE</td>
<td></td>
<td></td>
<td>Defoamer</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

| 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 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 | Australia - GHS | H340 - May cause genetic defects |
| CANCER | Australia - GHS | H350 - May cause cancer |

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

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE</th>
<th>2018-12-21</th>
</tr>
</thead>
<tbody>
<tr>
<td>%:</td>
<td>0.1000 - 0.8000</td>
<td>GS:</td>
<td>LT-P1</td>
</tr>
<tr>
<td>AGENTY AND LIST TITLES</td>
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<tr>
<td>WARNINGS</td>
<td></td>
<td>NANO:</td>
<td>No</td>
</tr>
<tr>
<td>ROLE</td>
<td></td>
<td></td>
<td>Hardener</td>
</tr>
</tbody>
</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.
**UNDISCLOSED**

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

<table>
<thead>
<tr>
<th>%: Impurity/Residual</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Impurity/Residual</th>
</tr>
</thead>
</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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**BISPHENOL A DIGLYCIDYL ETHER (BADGE)**

**ID:** 25085-99-8

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

<table>
<thead>
<tr>
<th>%: Impurity/Residual</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Impurity/Residual</th>
</tr>
</thead>
</table>

**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 Certified

<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>2018-10-05</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td>2019-12-09</td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>UL Environment</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**

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://cdn.laticrete.com/~/media/support-and-downloads/technical-datasheets/tds251.ashx">https://cdn.laticrete.com/~/media/support-and-downloads/technical-datasheets/tds251.ashx</a></td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2018-12-18</td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>LATICRETE</td>
</tr>
</tbody>
</table>

CERTIFICATION AND COMPLIANCE NOTES: Meets LEED v4 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 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 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:</th>
<th>LATICRETE International</th>
<th>CONTACT NAME:</th>
<th>Mitch Hawkins</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADDRESS:</td>
<td>1 Laticrete Park North</td>
<td>TITLE:</td>
<td>Senior Manager, Technical Services</td>
</tr>
<tr>
<td></td>
<td>Bethany CT 06524, USA</td>
<td>PHONE:</td>
<td>203.393.4619</td>
</tr>
<tr>
<td>WEBSITE:</td>
<td><a href="http://www.laticretesupercap.com">www.laticretesupercap.com</a></td>
<td>EMAIL:</td>
<td><a href="mailto:wmhawkins@laticrete.com">wmhawkins@laticrete.com</a></td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Hazard Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AQU Aquatic toxicity</td>
<td></td>
</tr>
<tr>
<td>CAN Cancer</td>
<td></td>
</tr>
<tr>
<td>DEV Developmental toxicity</td>
<td></td>
</tr>
<tr>
<td>END Endocrine activity</td>
<td></td>
</tr>
<tr>
<td>EYE Eye irritation/corrosivity</td>
<td></td>
</tr>
<tr>
<td>GEN Gene mutation</td>
<td></td>
</tr>
</tbody>
</table>

#### GreenScreen (GS)

<table>
<thead>
<tr>
<th>Benchmark Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BM-4 Benchmark (prefer-safer chemical)</td>
<td></td>
</tr>
<tr>
<td>BM-3 Benchmark (use but still opportunity for improvement)</td>
<td></td>
</tr>
<tr>
<td>BM-2 Benchmark (use but search for safer substitutes)</td>
<td></td>
</tr>
<tr>
<td>BM-1 Benchmark (avoid - chemical of high concern)</td>
<td></td>
</tr>
<tr>
<td>BM-U Benchmark (unspecified)</td>
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#### Recycled Types

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PreC Preconsumer (Post-Industrial)</td>
<td></td>
</tr>
<tr>
<td>PostC Postconsumer</td>
<td></td>
</tr>
<tr>
<td>Both Both Preconsumer and Postconsumer</td>
<td></td>
</tr>
<tr>
<td>Unk Inclusion of recycled content is unknown</td>
<td></td>
</tr>
<tr>
<td>None Does not include recycled content</td>
<td></td>
</tr>
</tbody>
</table>

#### 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.