LATICRETE® NXT™ Skim is a premium quality, fast-drying, cement-based underlayment designed for skim-coating, smoothing and leveling prior to the application of floor coverings. Apply from skim depth to 1" (0 - 25 mm). Install finished flooring as soon as 20 minutes after application. This trowel-applied product has a superior creamy consistency making it the ideal choice for skim coat applications.
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

---

**LATICRETE NXT SKIM**

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.

---

**HIGH-ALUMINA CEMENT**

ID: 65997-16-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-08-01

%: 20.0000 - 40.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Binder

HAZARD TYPES:

- CANCER
  - MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

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

---

**PORTLAND CEMENT**

ID: 65997-15-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-08-01

%: 10.0000 - 30.0000

GS: LT-P1

RC: None

NANO: No

ROLE: Binder

HAZARD TYPES:

- CANCER
  - MAK

- ENDOCRINE
  - TEDX - Potential Endocrine Disruptors

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

---

**LIMESTONE; CALCIUM CARBONATE**

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-08-01

%: 10.0000 - 30.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Filler
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<tr>
<th>Substance</th>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
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<th>ROLE</th>
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<tr>
<td>UNDISCLOSED</td>
<td>Pharos Chemical and Materials Library</td>
<td>2018-08-01</td>
<td>8.0000 - 12.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Polymer</td>
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<tr>
<td>SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture.</td>
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<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
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<td>Pharos Chemical and Materials Library</td>
<td>2018-08-01</td>
<td>6.0000 - 10.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Rheology Modifier</td>
</tr>
<tr>
<td>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.</td>
<td></td>
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<th>Substance</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>
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</thead>
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<tr>
<td>GYPSUM</td>
<td>Pharos Chemical and Materials Library</td>
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<td>None</td>
<td>No</td>
<td>Filler</td>
</tr>
<tr>
<td>SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture.</td>
<td></td>
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<table>
<thead>
<tr>
<th>Substance</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>
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</thead>
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<td>Pharos Chemical and Materials Library</td>
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<td>5.0000 - 8.0000</td>
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<td>Substance</td>
<td>CAS Number</td>
<td>HAZARD SCREENING METHOD</td>
<td>HAZARD SCREENING DATE</td>
<td>% Range</td>
<td>GS</td>
<td>RC</td>
<td>NANO</td>
</tr>
<tr>
<td>----------------------------</td>
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<td>-----------------------</td>
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<td>-------------</td>
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<td>------</td>
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<tr>
<td>Sodium Carbonate</td>
<td>497-19-8</td>
<td>Pharos Chemical and Materials Library</td>
<td>2018-08-01</td>
<td>0.1000 - 1.0000</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
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<tr>
<td>Lithium Carbonate</td>
<td>554-13-2</td>
<td>Pharos Chemical and Materials Library</td>
<td>2018-08-01</td>
<td>0.1000 - 0.3000</td>
<td>LT-1</td>
<td>None</td>
<td>No</td>
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</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.
### REPRODUCTIVE

<table>
<thead>
<tr>
<th>Substance Notes</th>
<th>GHS</th>
<th>Toxic to reproduction - Category 1A</th>
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</thead>
<tbody>
<tr>
<td>SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture.</td>
<td>Japan - GHS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNDISCLOSED</th>
<th>Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2018-08-01</th>
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</thead>
<tbody>
<tr>
<td>%: 0.0500 - 0.1000</td>
<td>GS: LT-UNK</td>
<td>RC: None</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
</tr>
<tr>
<td>No hazards found</td>
<td></td>
<td></td>
</tr>
<tr>
<td>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.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>%: 0.0400 - 0.0500</td>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td></td>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
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<td></td>
<td>No hazards found</td>
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</tr>
<tr>
<td></td>
<td>%: 0.0300 - 0.0500</td>
<td>GS: LT-UNK</td>
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<tr>
<td></td>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td></td>
<td>No hazards found</td>
<td></td>
</tr>
<tr>
<td></td>
<td>%: 0.0200 - 0.0400</td>
<td>GS: LT-1</td>
</tr>
<tr>
<td></td>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td></td>
<td></td>
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<td>WARNINGS</td>
</tr>
<tr>
<td>-------------</td>
<td>------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - GHS (H-Statements)</td>
<td>H350 - May cause cancer</td>
</tr>
<tr>
<td></td>
<td>EU - REACH Annex XVII CMRs</td>
<td>Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>ChemSec - SIN List</td>
<td>CMR - Carcinogen, Mutagen &amp;/or Reproductive Toxicant</td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - Annex VI CMRs</td>
<td>Carcinogen Category 1B - Presumed Carcinogen based on animal evidence</td>
</tr>
<tr>
<td>CANCER</td>
<td>Australia - GHS</td>
<td>H350 - May cause cancer</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: 2018-08-01</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.0200 - 0.0400</td>
<td>GS: LT-1</td>
</tr>
</tbody>
</table>

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<tr>
<th>HAZARD TYPE</th>
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<th>WARNINGS</th>
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<td>Australia - GHS</td>
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</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.

### CALCIUM CARBONATE

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2018-08-01</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: Impurity/Residual</td>
<td>GS: BM-3</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>EU - GHS (H-Statements)</td>
<td>H350 - May cause cancer</td>
</tr>
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<td></td>
<td>EU - REACH Annex XVII CMRs</td>
<td>Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man</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.

### LIMESTONE; CALCIUM CARBONATE

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2018-08-01</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: Impurity/Residual</td>
<td>GS: LT-UNK</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.
<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>No hazards found</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

UL/GreenGuard Gold Certified (NXT Skim)

| CERTIFYING PARTY: | Third Party |
| APPLICABLE FACILITIES: | Applies to All Facilities. |
| CERTIFICATE URL: | http://certificates.greenguard.org/default.aspx?id=98421&t=cs& |
| ISSUE DATE: | 2017-08-29 |
| EXPIRY DATE: | 2019-07-09 |
| CERTIFIER OR LAB: | UL Environment |

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"

| CERTIFYING PARTY: | Self-declared |
| APPLICABLE FACILITIES: | Applies to All Facilities. |
| CERTIFICATE URL: | https://www.laticrete.com/~/media/support-and-downloads/technical-datasheets/tds251.ashx |
| ISSUE DATE: | 2016-12-08 |
| CERTIFIER OR LAB: | LATICRETE |

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.

WATER

HPD URL: No HPD Available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
For installation of over most substrates (excluding non-cushioned sheet vinyl), LATICRETE NXT Skim to be mixed with water following mix ratio and directions as stated in product data sheet.

LATICRETE NXT EMBOSsing ADMIX

HPD URL: https://cdn.laticrete.com/~/media/health-product-datasheets/tsis/nxt-embossing-admix-hpd.ashx

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
For installation over non-cushioned sheet vinyl, LATICRETE NXT Skim to be mixed with LATICRETE NXT Embossing Admix following mix ratio and directions as stated in product data sheet.

Section 5: General Notes
LATICRETE® NXT™ Skim meets the Living Building Challenge requirement that the product does not contain any of the Red Listed Materials or Chemicals. Specifically, LATICRETE NXT Skim does not contain the following:

- Alkylphenols
- Asbestos
- Bisphenol A (BPA)
- Cadmium
- Chlorinated Polyethylene & Chlorosulfonated Polyethylene
- Chlorobenzenes
- Chlorofluorocarbons (CFCs) & Hydrochlorofluorocarbons (HCFCs)
- Chloroprene (Neoprene)
- Chromium VI
- Chlorinated Polyvinyl Chloride (CPVC)
- Formaldehyde (all types - added)
- Halogenated Flame Retardants (HFRs)
- Lead (added)
- Mercury
- Polychlorinated Biphenyls (PCBs)
- Perfluorinated Compounds (PFCs)
- Phthalates
- Polyvinyl Chloride (PVC)
- Polyvinylidene Chloride (PVDC)
- Short Chain Chlorinated Paraffins
- Wood treatments containing Creosote, Arsenic or Pentachlorophenol. LATICRETE NXT Skim also does not contain the following California-defined Group II toxic exempt solvents:
  - Methylene Chloride (Dichloromethane)
  - 1,1,1-trichloroethane (methyl chloroform)
  - Trichlorofluoromethane (CFC-11)
  - Dichlorofluoromethane (CFC-12)
  - 1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113)
  - 1,2-dichloro-1,1,2,2-tetrafluoroethane (CFC-114)
  - Chloropentafluoroethane (CFC-115)
  - Cyclic, Branched or Linear, Completely Methylated Siloxanes (VMS)
  - Tetrachloroethylene (perchloroethylene)
  - Ethylfluoride (HFC-161)
  - 1,1,3,3,3-hexafluoropropane (HFC-236fa)
  - 1,1,2,3,3-pentafluoropropane (HFC-245ca)
  - 1,1,2,3,3-pentafluoropropane (HFC-245ea)
  - 1,1,1,3,3-pentafluorobutane (HFC-365mfc)
  - Chlorofluoromethane (HCFC-31)
  - 1,2-dichloro-1,1,2-trifluoroethane (HCFC-123a)
  - 1 chloro-1-fluoroethane (HCFC-151a)

LATICRETE NXT Skim meets the Living Building Challenge requirement that the product does not contain any of the Red Listed Materials or Chemicals. Specifically, LATICRETE NXT Skim does not contain the following:

- Alkylphenols
- Asbestos
- Bisphenol A (BPA)
- Cadmium
- Chlorinated Polyethylene & Chlorosulfonated Polyethylene
- Chlorobenzenes
- Chlorofluorocarbons (CFCs) & Hydrochlorofluorocarbons (HCFCs)
- Chloroprene (Neoprene)
- Chromium VI
- Chlorinated Polyvinyl Chloride (CPVC)
- Formaldehyde (all types - added)
- Halogenated Flame Retardants (HFRs)
- Lead (added)
- Mercury
- Polychlorinated Biphenyls (PCBs)
- Perfluorinated Compounds (PFCs)
- Phthalates
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  - 1,1,2,3,3-pentafluoropropane (HFC-245ea)
  - 1,1,1,3,3-pentafluorobutane (HFC-365mfc)
  - Chlorofluoromethane (HCFC-31)
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- Chlorinated Polyethylene & Chlorosulfonated Polyethylene
- Chlorobenzenes
- Chlorofluorocarbons (CFCs) & Hydrochlorofluorocarbons (HCFCs)
- Chloroprene (Neoprene)
- Chromium VI
- Chlorinated Polyvinyl Chloride (CPVC)
- Formaldehyde (all types - added)
- Halogenated Flame Retardants (HFRs)
- Lead (added)
- Mercury
- Polychlorinated Biphenyls (PCBs)
- Perfluorinated Compounds (PFCs)
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- Polyvinyl Chloride (PVC)
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- Wood treatments containing Creosote, Arsenic or Pentachlorophenol. LATICRETE NXT Skim also does not contain the following California-defined Group II toxic exempt solvents:
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  - Chlorofluoromethane (HCFC-31)
  - 1,2-dichloro-1,1,2-trifluoroethane (HCFC-123a)
  - 1 chloro-1-fluoroethane (HCFC-151a)
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.