LATICRETE® NXT® Level DL (Grey)
by LATICRETE International

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

HPD UNIQUE IDENTIFIER: 22610
CLASSIFICATION: 03 54 00 Cast Underlayment
PRODUCT DESCRIPTION: LATICRETE® NXT® Level DL (Grey) is a polishable cement-based high quality, fast drying, dual purpose, self-leveling, interior wear surface topping that can be accented with a wide variety of coloring systems & finishes/high performance underlayments. LATICRETE NXT Level DL (Grey) is designed for use as a durable and attractive interior wear surface topping or a high performance 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

**Explanation(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

**All substances screened using Priority Hazard Lists with results disclosed.**

**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**

<table>
<thead>
<tr>
<th>GREENSCREEN SCORE</th>
<th>HAZARD TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>LATICRETE® NXT® LEVEL DL (GREY)</td>
<td>QUARTZ LT-1</td>
</tr>
<tr>
<td>MADISON AREA</td>
<td>HIGH-ALUMINA CEMENT LT-UNK</td>
</tr>
<tr>
<td>MADISON AREA</td>
<td>GYPSUM LT-UNK</td>
</tr>
<tr>
<td>UNDISCLOSED LT-UNK</td>
<td>PORTLAND CEMENT LT-P1</td>
</tr>
<tr>
<td>CAN</td>
<td>CALCIUM SULFATE - HEMIHYDRATE LT-UNK</td>
</tr>
<tr>
<td>LITHIUM CARBONATE LT-1</td>
<td>REP</td>
</tr>
<tr>
<td>UNDISCLOSED LT-P1</td>
<td>END UNDISCLOSED LT-UNK</td>
</tr>
<tr>
<td>UNDISCLOSED LT-1</td>
<td>CAN</td>
</tr>
<tr>
<td>CAN</td>
<td>CALCIUM CARBONATE BM-3</td>
</tr>
<tr>
<td>LIMESTONE; CALCIUM CARBONATE LT-UNK</td>
<td></td>
</tr>
</tbody>
</table>

**Number of Greenscreen BM-4/BM3 contents ... 1**

**Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1**

**Nanomaterial ... No**

### 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.

### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

<table>
<thead>
<tr>
<th>Material (g/l): 0.00</th>
<th>Regulatory (g/l): N/A</th>
</tr>
</thead>
</table>

**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 (NXT Level DL)

**VOC content:** TDS 251 “Low VOC LATICRETE Products”

**LCA:** LATICRETE Cement Self-Leveling UNderlayment Product Specific (Type III) EPD

### CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

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**Third Party Verified?**
- Yes
- No

**PREPARER:** Self-Prepared

**VERIFIER:**

**VERIFICATION #:**

**SCREENING DATE:** 2020-10-22

**PUBLISHED DATE:** 2020-10-22

**EXPIRY DATE:** 2023-10-22

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LATICRETE NXT Level DL (Grey)
hpdrepository.hpd-collaborative.org

HPD v2.2 created via HPDC Builder Page 1 of 9
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

LATICRETE® NXT® LEVEL DL (GREY)

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.

QUARTZ

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-10-22

<table>
<thead>
<tr>
<th>%: 40.0000 - 50.0000</th>
<th>GS: LT-1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>SUBSTANCE ROLE: Filler</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 1 - Agent is Carcinogenic to humans</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen - specific to chemical form or exposure route</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>US NIH - Report on Carcinogens</td>
<td>Known to be Human Carcinogen (respirable size - occupational setting)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 1 - Substances that cause cancer in man</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - New Zealand</td>
<td>6.7A - Known or presumed human carcinogens</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - Japan</td>
<td>Carcinogenicity - Category 1A [H350]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - Australia</td>
<td>H350i - May cause cancer by inhalation</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-10-22

<table>
<thead>
<tr>
<th>%: 20.0000 - 30.0000</th>
<th>GS: LT-UNK</th>
<th>RC: PreC</th>
<th>NANO: No</th>
<th>SUBSTANCE ROLE: Binder</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>None found</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
<td></td>
<td></td>
<td></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.
HIGH-ALUMINA CEMENT

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2020-10-22

%: 12.0000 - 18.0000  
GS: LT-UNK  
RC: None  
NANO: No  
SUBSTANCE ROLE: Binder

HAZARD TYPE:  
AGENCY AND LIST TITLES:  
WARNINGS: No warnings found on HPD Priority Hazard Lists

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

GYPSUM

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2020-10-22

%: 6.0000 - 10.0000  
GS: LT-UNK  
RC: None  
NANO: No  
SUBSTANCE ROLE: Binder

HAZARD TYPE:  
AGENCY AND LIST TITLES:  
WARNINGS: No warnings found on HPD Priority Hazard Lists

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

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2020-10-22

%: 1.5000 - 4.0000  
GS: LT-UNK  
RC: None  
NANO: No  
SUBSTANCE ROLE: Polymer species

HAZARD TYPE:  
AGENCY AND LIST TITLES:  
WARNINGS: No warnings found on HPD Priority Hazard Lists

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.

PORTLAND CEMENT

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2020-10-22

%: 1.0000 - 3.0000  
GS: LT-P1  
RC: None  
NANO: No  
SUBSTANCE ROLE: Binder

HAZARD TYPE:  
AGENCY AND LIST TITLES:  
WARNINGS:

ENDOCRINE: TEDX - Potential Endocrine Disruptors  
Potential Endocrine Disruptor

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.

CALCIUM SULFATE - HEMIHYDRATE

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2020-10-22

%: 0.8000 - 1.0000  
GS: LT-UNK  
RC: None  
NANO: No  
SUBSTANCE ROLE: Binder
<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS Number</th>
<th>Amount</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>Substance Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lithium Carbonate</td>
<td>554-13-2</td>
<td>0.0700 - 0.1500</td>
<td>LT-1</td>
<td>None</td>
<td>No</td>
<td>Processing regulator</td>
</tr>
<tr>
<td>Undisclosed</td>
<td></td>
<td>0.0500 - 0.2000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Plasticizer</td>
</tr>
<tr>
<td>Undisclosed</td>
<td></td>
<td>0.0500 - 0.1000</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Viscosity modifier</td>
</tr>
<tr>
<td>Undisclosed</td>
<td></td>
<td>0.0300 - 0.0500</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Processing regulator</td>
</tr>
</tbody>
</table>

### Substance Notes:
The amount of this component may vary based on the plant of manufacture.

### Lithium Carbonate

- **HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library
- **HAZARD SCREENING DATE:** 2020-10-22

#### WARNINGS
- **REPRODUCTIVE**
  - GHS - New Zealand: 6.8A - Known or presumed human reproductive or developmental toxicants
  - GHS - Japan: Toxic to reproduction - Category 1A [H360]

#### Developmental
- CA EPA - Prop 65: Developmental toxicity

### Undisclosed

- **HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library
- **HAZARD SCREENING DATE:** 2020-10-22

#### WARNINGS
- None 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.

### Undisclosed

- **HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library
- **HAZARD SCREENING DATE:** 2020-10-22

#### WARNINGS
- None 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.

### Undisclosed

- **HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library
- **HAZARD SCREENING DATE:** 2020-10-22

#### WARNINGS
- None 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.
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.

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2020-10-22

%: 0.0100 - 0.1000  
GS: LT-UNK  
RC: None  
NANO: No  
SUBSTANCE ROLE: Defoamer

HAZARD TYPE  
AGENCY AND LIST TITLES  
WARNINGS

None found  
No warnings found on HPD Priority Hazard Lists

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2020-10-22

%: 0.0100 - 0.0500  
GS: LT-1  
RC: None  
NANO: No  
SUBSTANCE ROLE: Defoamer

HAZARD TYPE  
AGENCY AND LIST TITLES  
WARNINGS

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

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

CANCER  
EU - Annex VI CMRs  
Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

CANCER  
GHS - Australia  
H350 - May cause cancer

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2020-10-22

%: 0.0100 - 0.0500  
GS: LT-1  
RC: None  
NANO: No  
SUBSTANCE ROLE: Defoamer

HAZARD TYPE  
AGENCY AND LIST TITLES  
WARNINGS

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

MULTIPLE  
ChemSec - SIN List  
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CANCER  
EU - Annex VI CMRs  
Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

CANCER  
GHS - Australia  
H350 - May cause cancer

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.
<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>SUBSTANCE ROLE</th>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALCIUM CARBONATE</td>
<td>471-34-1</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-10-22</td>
<td>Impurity/Residual</td>
<td>BM-3</td>
<td>None</td>
<td>No</td>
<td>Impurity/Residual</td>
<td>None found</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
<td></td>
</tr>
<tr>
<td>LIMESTONE; CALCIUM CARBONATE</td>
<td>1317-65-3</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-10-22</td>
<td>Impurity/Residual</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Impurity/Residual</td>
<td>None found</td>
<td>No warnings found on HPD Priority Hazard Lists</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.
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 Certified (NXT Level DL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISSUE DATE:</td>
<td>2018-10-05</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>

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Applies to All Facilities.
CERTIFICATE URL: http://certificates.greenguard.org/default.aspx?id=130435&t=cs&

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

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>TDS 251 &quot;Low VOC LATICRETE Products&quot;</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: Applies to All Facilities.
CERTIFICATE URL: https://cdn.laticrete.com/~media/support-and-downloads/technical-datasheets/tds251.ashx

CERTIFICATION AND COMPLIANCE NOTES: Meets LEED v4.1 Credit "Low Emitting Materials" VOC Content Requirements per SCAQMD Rule 1168 (Tile Adhesive).

LCA

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>LATICRETE Cement Self-Leveling UNderlayment Product Specific (Type III) EPD</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISSUE DATE:</td>
<td>2016-11-29</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td>2021-11-28</td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>UL Environment</td>
</tr>
</tbody>
</table>

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Applies to All Facilities in North America.

CERTIFICATION AND COMPLIANCE NOTES: Meets LEED v4.1 Credit "Building Product Disclosure and Optimization-Environmental Product Declarations" requirements as a Product Specific (Type III) EPD.

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:
LATICRETE® NXT® Level DL (Grey) to be mixed with water only following the mix ratio and directions as stated in the product data sheet.

Section 5: General Notes

LATICRETE® NXT® Level DL (Grey) meets the Living Building Challenge v4.0 requirement that the product does not contain any of the Red Listed Materials or Chemicals. Specifically, LATICRETE NXT Level DL (Grey) does not contain the following: Antimicrobials (marketed with a health claim) •Alkylyphenols and related compounds •Asbestos •Bisphenol A (BPA) and structural analogues •California Banned Solvents •Chlorinated Polymers, including Chlorinated polyethylene (CPE), Chlorinated Polyvinyl Chloride (CPVC), Chloroprene (neoprene monomer), Chlorosulfonated polyethylene (CSPE), Polyvinylidene chloride (PVDC), and Polyvinyl Chloride (PVC) •Chlorobenzenes •Chlorofluorocarbons (CFCs) & Hydrochlorofluorocarbons (HCFCs) •Formaldehyde (added) • Monomeric, polymeric and organo-phosphate halogenated flame retardants (HFRs) •Organotin Compounds •Perfluorinated Compounds (PFCs) •Phthalates (orthophthalates) •Polychlorinated Biphenyls (PCBs) •Polycyclic Aromatic Hydrocarbons (PAH) •Short-Chain and Medium-Chain Chlorinated Paraffins •Toxic Heavy Metals - Arsenic, Cadmium, Chromium, Lead (added), and Mercury •Wood
treatments containing Creosote, Arsenic or Pentachlorophenol. See Section 1 for Volatile Organic Compounds (VOC) (wet applied products) information.
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.