LATICRETE® HYDRO BAN®
by LATICRETE International

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

HPD UNIQUE IDENTIFIER: 22044
CLASSIFICATION: 09 34 00 Waterproofing-Membrane Tiling
PRODUCT DESCRIPTION: LATICRETE® HYDRO BAN® is a thin, load bearing waterproofing/crack isolation membrane that DOES NOT require the use of fabric in the field, coves or corners. LATICRETE HYDRO BAN is a single component self-curing liquid rubber polymer that forms a flexible, seamless waterproofing membrane. LATICRETE HYDRO BAN bonds directly to a wide variety of substrates.

Section 1: Summary

CONTENT INVENTORY

<table>
<thead>
<tr>
<th>Inventory Reporting Format</th>
<th>Threshold level</th>
<th>Residuals/Impurities</th>
<th>Basic Method / Product Threshold</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nested Materials Method</td>
<td>100 ppm</td>
<td>Considered</td>
<td>Yes Ex/SC Yes No % weight and role provided for all substances.</td>
</tr>
<tr>
<td>Basic Method</td>
<td>1,000 ppm</td>
<td>Partially Considered</td>
<td>Yes Ex/SC Yes No % weight and role provided for all substances.</td>
</tr>
<tr>
<td></td>
<td>Per GHS SDS</td>
<td>Not Considered</td>
<td>Yes Ex/SC Yes No % weight and role provided for all substances.</td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td></td>
<td>Yes Ex/SC Yes No % weight and role provided for all substances.</td>
</tr>
</tbody>
</table>

All Substances Above the Threshold Indicated Are:

Characterized C Yes Ex/SC C Yes No % weight and role provided for all substances.
Screened C Yes Ex/SC C Yes No All substances screened using Priority Hazard Lists with results disclosed.
Identified C Yes Ex/SC C 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 HYDRO BAN | UNDISCLOSED | WATER BM-4 | UNDISCLOSED | LT-UNK | ZINC OXIDE BM-1 | RES | AQU | MUL | END | UNDISCLOSED BM-1 | DEV | END TITANIUM DIOXIDE LT-1 | CAN | END | UNDISCLOSED | NGS | UNDISCLOSED | LT-UNK | UNDISCLOSED | LT-1 | SKI | UNDISCLOSED | LT-UNK | UNDISCLOSED | LT-UNK | UNDISCLOSED BM-1 | MUL | END | UNDISCLOSED BM-1 | END | MUL | SKI | MUL | AQU | MAM | EYE UNDISCLOSED LT-1 | AQU | SKI | EYE | MUL OCTAMETHYLCYCLOYTETRASILOXANE (D4) BM-1 | END | PBT | MUL | REP | UNDISCLOSED BM-2 | CAN | PHY | END | DEV | REP TITANIUM DIOXIDE COMPOUNDS (TITANIUM DIOXIDE COMPOUNDS) | EYE | CAN |

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 2.39
Regulatory (g/l): N/A
Does the product contain exempt VOCs: No
Are ultra-low VOC tints available: N/A

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

CERTIFICATIONS AND COMPLIANCE

See Section 3 for additional listings.
VOC emissions: UL GreenGuard Gold (HYDRO BAN)
VOC content: TDS 251 "Low VOC LATICRETE® Products"

CONSISTENCY WITH OTHER PROGRAMS
Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?
C Yes
C No
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 HYDRO BAN</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PRODUCT THRESHOLD:</strong> 100 ppm</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="https://laticrete.com">https://laticrete.com</a> for occupational exposure information.</td>
</tr>
</tbody>
</table>

### UNDISCLOSED

<p>| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | HAZARD SCREENING DATE: 2020-10-01 |</p>
<table>
<thead>
<tr>
<th>Position</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>30.0000 - 40.0000</td>
<td>None</td>
<td>NoGS</td>
<td>None</td>
<td>No</td>
<td>Filler</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND UST TITLES</td>
<td>WARNINGS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None found</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>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.</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

### WATER

<p>| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | HAZARD SCREENING DATE: 2020-10-01 |</p>
<table>
<thead>
<tr>
<th>Position</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>25.0000 - 35.0000</td>
<td>None</td>
<td>BM-4</td>
<td>None</td>
<td>No</td>
<td>Diluent</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND UST TITLES</td>
<td>WARNINGS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None found</td>
<td></td>
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</tr>
<tr>
<td>SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture.</td>
<td></td>
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</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Position</th>
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<th>NANO</th>
<th>SUBSTANCE ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>22.0000 - 30.0000</td>
<td>None</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Polymer species</td>
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<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND UST TITLES</td>
<td>WARNINGS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None found</td>
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<td></td>
<td></td>
<td></td>
</tr>
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<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### ZINC OXIDE

<p>| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | HAZARD SCREENING DATE: 2020-10-01 |</p>
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<thead>
<tr>
<th>Position</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0000 - 2.0000</td>
<td>None</td>
<td>BM-1</td>
<td>None</td>
<td>No</td>
<td>Processing regulator</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND UST TITLES</td>
<td>WARNINGS</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUBSTANCE NOTES:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**LATICRETE HYDRO BAN**

[https://laticrete.com](https://laticrete.com)
<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESPIRATORY</td>
<td>AOEIC - Asthmagens</td>
<td>Asthmagen (Rs) - sensitizer-induced</td>
</tr>
<tr>
<td>ACUTE AQUATIC</td>
<td>EU - GHS (H-Statements)</td>
<td>H400 - Very toxic to aquatic life</td>
</tr>
<tr>
<td>CHRON AQUATIC</td>
<td>EU - GHS (H-Statements)</td>
<td>H410 - Very toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
</tbody>
</table>

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

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### UNDISCLOSED

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-10-01

| %: 0.3000 - 1.0000 | ID: BM-1 | RC: None | NANO: No | SUBSTANCE ROLE: Anti-freeze |

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

**DEVELOPMENTAL**  
**US NIH - Reproductive & Developmental Monographs**  
Clear Evidence of Adverse Effects - Developmental Toxicity

**ENDOCRINE**  
**TEDX - Potential Endocrine Disruptors**  
Potential Endocrine Disruptor

**DEVELOPMENTAL**  
**CA EPA - Prop 65**  
Developmental toxicity

**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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### TITANIUM DIOXIDE

**ID:** 13463-67-7  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-10-01

| %: 0.3000 - 0.5000 | ID: LT-1 | RC: None | NANO: No | SUBSTANCE ROLE: Pigment |

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

**CANCER**  
**US CDC - Occupational Carcinogens**  
Occupational Carcinogen

**CANCER**  
**CA EPA - Prop 65**  
Carcinogen - specific to chemical form or exposure route

**CANCER**  
**IARC**  
Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

**ENDOCRINE**  
**TEDX - Potential Endocrine Disruptors**  
Potential Endocrine Disruptor

**CANCER**  
**MAK**  
Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

**CANCER**  
**MAK**  
Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

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

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### UNDISCLOSED

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-10-01

| %: 0.2000 - 0.6000 | ID: NoGS | RC: None | NANO: No | SUBSTANCE ROLE: Desiccant |

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

None found  
No warnings found on HPD Priority Hazard Lists

**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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### UNDISCLOSED
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-10-01

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE:</th>
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</thead>
<tbody>
<tr>
<td>0.2000 - 0.6000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Viscosity modifier</td>
</tr>
</tbody>
</table>

**HAZARD TYPE:** AGENCY AND UST TITLES  
**WARNINGS:** None found  

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

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<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1000 - 0.2000</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Buffer</td>
</tr>
</tbody>
</table>

**HAZARD TYPE:** AGENCY AND UST TITLES  
**WARNINGS:** None found  

**SKIN IRRITATION:** 
EU - GHS (H-Statements)  
H314 - Causes severe skin burns and eye damage

*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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<th>NANO</th>
<th>SUBSTANCE ROLE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1000 - 0.3000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Pigment</td>
</tr>
</tbody>
</table>

**HAZARD TYPE:** AGENCY AND UST TITLES  
**WARNINGS:** None found  

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<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Pigment</td>
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**HAZARD TYPE:** AGENCY AND UST TITLES  
**WARNINGS:** None found  

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<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0100 - 0.0300</td>
<td>BM-1</td>
<td>None</td>
<td>No</td>
<td>Biocide</td>
</tr>
</tbody>
</table>

**HAZARD TYPE:** AGENCY AND UST TITLES  
**WARNINGS:** MULTIPLE  
German FEA - Substances Hazardous to Waters  
Class 3 - Severe Hazard to Waters  
ENDOCRINE  
TEDX - Potential Endocrine Disruptors  
Potential Endocrine Disruptor

*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. There are no known impurities which are greater than 1,000 ppm.

---

**UNDISCLOSED**

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-10-01

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0100 - 0.0300</td>
<td>BM-1</td>
<td>None</td>
<td>No</td>
<td>Biocide</td>
</tr>
</tbody>
</table>

**HAZARD TYPE:** AGENCY AND UST TITLES  
**WARNINGS:** MULTIPLE  
German FEA - Substances Hazardous to Waters  
Class 3 - Severe Hazard to Waters  
ENDOCRINE  
TEDX - Potential Endocrine Disruptors  
Potential Endocrine Disruptor

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<tr>
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<th><strong>AGENCY AND LIST TITLES</strong></th>
<th><strong>WARNINGS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 3 - Severe Hazard to Waters</td>
</tr>
<tr>
<td>SKIN SENSITIZE</td>
<td>MAK</td>
<td>Sensitizing Substance Sh - Danger of skin sensitization</td>
</tr>
<tr>
<td>ACUTE AQUATIC</td>
<td>EU - GHS (H-Statements)</td>
<td>H400 - Very toxic to aquatic life</td>
</tr>
<tr>
<td>CHRON AQUATIC</td>
<td>EU - GHS (H-Statements)</td>
<td>H410 - Very toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>MAMMALIAN</td>
<td>EU - GHS (H-Statements)</td>
<td>H301 - Toxic if swallowed</td>
</tr>
<tr>
<td>MAMMALIAN</td>
<td>EU - GHS (H-Statements)</td>
<td>H311 - Toxic in contact with skin</td>
</tr>
<tr>
<td>SKIN IRRITATION</td>
<td>EU - GHS (H-Statements)</td>
<td>H314 - Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>SKIN SENSITIZE</td>
<td>EU - GHS (H-Statements)</td>
<td>H317 - May cause an allergic skin reaction</td>
</tr>
<tr>
<td>EYE IRRITATION</td>
<td>EU - GHS (H-Statements)</td>
<td>H318 - Causes serious eye damage</td>
</tr>
<tr>
<td>MAMMALIAN</td>
<td>EU - GHS (H-Statements)</td>
<td>H330 - Fatal if inhaled</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

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-10-01

| % | 0.0020 - 0.0100 | GB: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Biocide |

<table>
<thead>
<tr>
<th><strong>HAZARD TYPE</strong></th>
<th><strong>AGENCY AND LIST TITLES</strong></th>
<th><strong>WARNINGS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>ACUTE AQUATIC</td>
<td>EU - GHS (H-Statements)</td>
<td>H400 - Very toxic to aquatic life</td>
</tr>
<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>
<tr>
<td>EYE IRRITATION</td>
<td>EU - GHS (H-Statements)</td>
<td>H318 - Causes serious eye damage</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
<tr>
<td>SKIN SENSITIZE</td>
<td>MAK</td>
<td>Sensitizing Substance Sh - Danger of skin sensitization</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.

### OCTAMETHYLCYCLOTETRASILOXANE (D4)

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-10-01

| % | 0.0010 - 0.0100 | GB: BM-1 | RC: None | NANO: No | SUBSTANCE ROLE: Defoamer |

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HAZARD TYPE       AGENCY AND LIST TITLES                                                                 WARNINGS
ENDOCRINE         EU - Priority Endocrine Disruptors                                                    Category 1 - In vivo evidence of Endocrine Disruption Activity
PBT               EU - ESIS PBT                                                                                                                  Under PBT evaluation
PBT               EU - SVHC Authorisation List                                                     PBT - Candidate list
PBT               EU - SVHC Authorisation List                                                     vPvB - Candidate list
PBT               OR DEQ - Priority Persistent Pollutants                                          Priority Persistent Pollutant - Tier 1
PBT               EC - CEPA DSL                                                                                                               Persistent, Bioaccumulative and inherently Toxic (PBT/TE) to the Environment (based on aquatic organisms)
REPRODUCTIVE     EU - GHS (H-Statements)                                                        H361f - Suspected of damaging fertility
MULTIPLE          ChemSec - SIN List                                                          CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE         ChemSec - SIN List                                                          Endocrine Disruption
ENDOCRINE         TEDX - Potential Endocrine Disruptors                                        Potential Endocrine Disruptor
MULTIPLE          German FEA - Substances Hazardous to Waters                                 Class 3 - Severe Hazard to Waters
REstricted LIST   US EPA - PPT Chemical Action Plans                                           TSCA Work Plan chemical - ongoing chemical (risk) assessment

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: 2020-10-01
%: 0.0005 - 0.0100                                     (gs: BM-2)                                      rc: None                                      GS: LT-1                                      gs: None                                      gs: BM-2                                      gs: None                                      gs: LT-1                                      gs: None
GS: BM-2                                           rc: None                                      GS: LT-1                                           rc: None                                      GS: BM-2                                           rc: None                                      GS: LT-1                                           rc: None
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.

TITANIUM DIOXIDE COMPOUNDS (TITANIUM DIOXIDE COMPOUNDS)

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library                                    HAZARD SCREENING DATE: 2020-10-01
%: Impurity/Residual                                  (gs: LT-1)                                      rc: None                                      gs: LT-1                                      gs: None                                      gs: LT-1                                      gs: None                                      gs: LT-1                                      gs: None
GS: LT-1                                           rc: None                                      GS: LT-1                                           rc: None                                      GS: LT-1                                           rc: None                                      GS: LT-1                                           rc: None
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>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td>CANCER</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen - specific to chemical form or exposure route</td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value</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, if present, may or may not be greater 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>UL GreenGuard Gold (HYDRO BAN)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CERTIFYING PARTY:</strong> Third Party</td>
</tr>
<tr>
<td><strong>APPLICABLE FACILITIES:</strong> Applies to All Facilities</td>
</tr>
<tr>
<td><strong>ISSUE DATE:</strong> 2009-07-07</td>
</tr>
<tr>
<td><strong>EXPIRY DATE:</strong> 2021-12-09</td>
</tr>
<tr>
<td><strong>CERTIFIER OR LAB:</strong> UL Environment</td>
</tr>
</tbody>
</table>

**CERTIFICATION AND COMPLIANCE NOTES:** Meets LEED v4.1 “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>TDS 251 &quot;Low VOC LATICRETE® Products&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CERTIFYING PARTY:</strong> Self-declared</td>
</tr>
<tr>
<td><strong>APPLICABLE FACILITIES:</strong> Applies to All Facilities</td>
</tr>
<tr>
<td><strong>CERTIFICATE URL:</strong> <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><strong>ISSUE DATE:</strong> 2020-08-12</td>
</tr>
<tr>
<td><strong>EXPIRY DATE:</strong></td>
</tr>
<tr>
<td><strong>CERTIFIER OR LAB:</strong> 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® HYDRO BAN® meets Living Building Challenge v4.0 requirements, but it does contain a component which is found on the Red Listed Materials or Chemicals. Specifically, LATICRETE HYDRO BAN contains a small amount (0.0018%) of Octamethylcyclotetrasiloxane (D4) as stated in Section 2 of this HPD. The amount of the stated material is below the maximum threshold as stated in the LBC Small Component Clause.
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

Hazard Types
- AQU Aquatic toxicity
- CAN Cancer
- DEV Developmental toxicity
- END Endocrine activity
- EYE Eye irritation/corrosivity
- GEN Gene mutation
- GLO Global warming
- LAN Land toxicity
- MAM Mammalian/systemic/organ toxicity
- MUL Multiple
- NEU Neurotoxicity
- NF Not found on Priority Hazard Lists
- OZO Ozone depletion
- PBT Persistent, bioaccumulative, and toxic
- PHY Physical hazard (flammable or reactive)
- REP Reproductive
- RES Respiratory sensitization
- SKE Skin sensitization/irritation/corrosivity
- UNK Unknown

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 (due to insufficient data)
- LT-P1 List Translator Possible 1 (Possible Benchmark-1)
- LT-1 List Translator 1 (Likely Benchmark-1)
- 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.)
- NoGS No GreenScreen.

Recycled Types
- PreC Pre-consumer recycled content
- PostC Post-consumer recycled content
- UNK Inclusion of recycled content is unknown
- None Does not include recycled content

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.