STONETECH® Stain Protecting Grout Additive
by LATICRETE International

CLASSIFICATION: 09 01 30

PRODUCT DESCRIPTION: STONETECH® Stain Protecting Grout Additive is a water-based, professional grade grout additive which helps to protect against stains and will not affect the color of the grout. Ideal for use with cement based grouts when used with ceramic and porcelain tile.

Section 1: Summary

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

% 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 | GREENSCREEN SCORE | HAZARD TYPE

STONETECH® STAIN PROTECTING GROUT ADDITIVE | WATER | BM-4 | LT-UNK | UNDISCLOSED | LT-P1 | AQU | MUL | SKI | END | CAN | EYE | MAM | REP | UNDISCLOSED | DM/PN | DIPROPYLENE GLYCOL N-BUTYL ETHER (DPNB) | LT-UNK |

Number of Greenscreen BM-4/BM3 contents ... 1
Contents highest concern GreenScreen Benchmark or List translator Score ... LT-P1
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

Material (g/l): 9
Regulatory (g/l): N/A
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: N/A
VOC content: TDS 251 "Low VOC LATICRETE Products - LEED Certification"

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1 and Option 2

Third Party Verified?
- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-03-25
PUBLISHED DATE: 2020-05-12
EXPIRY DATE: 2023-03-25
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 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

STONETECH® STAIN PROTECTING GROUT ADDITIVE

PRODUCT THRESHOLD: 100 ppm
RESIDUALS AND IMPURITIES CONSIDERED: No
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.

WATER

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-03-25
%
96.00 - 99.00
GS: BM-4
RC: None
NANO: No
ROLE: Diluent

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 the plant of manufacture.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-03-25
%
0.50 - 2.00
GS: LT-UNK
RC: None
NANO: No
ROLE: Water Repellent

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 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: 2020-03-25
%
0.01 - 0.02
GS: BM-2
RC: None
NANO: No
ROLE: Preservative
<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<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>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</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></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:** 2020-03-25

<table>
<thead>
<tr>
<th>%: 0.00 - 0.01</th>
<th>GS: BM-2</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Solvent</th>
</tr>
</thead>
</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>IARC</td>
<td>Group 1 - Agent is Carcinogenic to humans</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>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 5 - Genotoxic carcinogen with very slight risk under MAK/BAT levels</td>
</tr>
<tr>
<td>DEVELOPMENTAL</td>
<td>CA EPA - Prop 65</td>
<td>Developmental - specific to chemical form or exposure route</td>
</tr>
<tr>
<td>PHYSICAL HAZARD (REACTIVE)</td>
<td>EU - GHS (H-Statements)</td>
<td>H225 - Highly flammable liquid and vapour</td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - Japan</td>
<td>Carcinogenicity - Category 1A [H350]</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>GHS - Japan</td>
<td>Toxic to reproduction - Category 1A [H360]</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:** 2020-03-25  

<table>
<thead>
<tr>
<th>%: 0.00 - 0.01</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Preservative</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>ACUTE AQUATIC</th>
<th>EU - GHS (H-Statements)</th>
<th>H400 - Very toxic to aquatic life</th>
</tr>
</thead>
<tbody>
<tr>
<td>SKIN IRRITATION</td>
<td>EU - GHS (H-Statements)</td>
<td>H315 - Causes skin irritation</td>
</tr>
<tr>
<td>SKIN SENSITIZE</td>
<td>EU - GHS (H-Statements)</td>
<td>H317 - May cause an allergic skin reaction</td>
</tr>
<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.

### DIPROPYLENE GLYCOL N-BUTYL ETHER (DPNB)

**ID:** 29911-28-2  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-03-25  

<table>
<thead>
<tr>
<th>%: 0.00 - 2.00</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Solvent</th>
</tr>
</thead>
</table>

**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 the plant of manufacture.
Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS

<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></td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2019-01-29</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>LATICRETE</td>
</tr>
</tbody>
</table>

CERTIFICATION AND COMPLIANCE NOTES: STONETECH® Stain Protecting Grout Additive has not been tested for VOC emissions.

VOC CONTENT

<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>2019-01-09</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></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 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.

LATICRETE 1500 SANDED GROUT

HPD URL: https://cdn.laticrete.com/~/media/health-product-datasheets/tsis/1500-hpd.ashx

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
STONETECH® Stain Protecting Grout Additive to be mixed with LATICRETE 1500 Sanded Grout following mix ratio and directions as stated in STONETECH Stain Protecting Grout Additive product data sheet.

LATICRETE® 1600 UNSANDED GROUT

HPD URL: https://cdn.laticrete.com/~/media/health-product-datasheets/tsis/1600-hpd.ashx

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
STONETECH® Stain Protecting Grout Additive to be mixed with LATICRETE 1600 Usanded Grout following mix ratio and directions as stated in STONETECH Stain Protecting Grout Additive product data sheet.

LATICRETE MVIS POINTING MORTAR

HPD URL: https://cdn.laticrete.com/~/media/health-product-datasheets/mvis/mvis-pointing-mortar-hpd.ashx
STONETECH® Stain Protecting Grout Additive to be mixed with LATICRETE MVIS Pointing Mortar following mix ratio and directions as stated in STONETECH Stain Protecting Grout Additive product data sheet.

Section 5: General Notes

STONETECH® Stain Protecting Grout Additive meets the Living Building Challenge v4.0 requirement that the product does not contain any of the Red Listed Materials or Chemicals. Specifically, STONETECH Stain Protecting Grout Additive does not contain the following: Antimicrobials (marketed with a health claim) • Alkylphenols 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), Polyvinylidiene 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.
### MANUFACTURER INFORMATION

**MANUFACTURER:** LATICRETE International  
**ADDRESS:** 1 Laticrete Park North  
Bethany CT 06524, USA  
**WEBSITE:** https://laticrete.com  
**CONTACT NAME:** Mitch Hawkins  
**TITLE:** Technical Services Manager  
**PHONE:** 203-393-4619  
**EMAIL:** wmhawkins@laticrete.com

### KEY

<table>
<thead>
<tr>
<th>Hazard Types</th>
<th>OSHA MSDS</th>
<th>GHS SDS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AQU</strong> Aquatic toxicity</td>
<td>Occupational Safety and Health Administration Material Safety Data Sheet</td>
<td>Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet</td>
</tr>
<tr>
<td><strong>CAN</strong> Cancer</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DEV</strong> Developmental toxicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>END</strong> Endocrine activity</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>EYE</strong> Eye irritation/corrosivity</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>GEN</strong> Gene mutation</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>GLO</strong> Global warming</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MAM</strong> Mammalian/systemic/organ toxicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MUL</strong> Multiple hazards</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>NEU</strong> Neurotoxicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>OZO</strong> Ozone depletion</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PBT</strong> Persistent Bioaccumulative Toxic</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PHY</strong> Physical Hazard (reactive)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>REP</strong> Reproductive toxicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>RES</strong> Respiratory sensitization</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SKI</strong> Skin sensitization/irritation/corrosivity</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LAN</strong> Land Toxicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>NF</strong> Not found on Priority Hazard Lists</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 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)

### 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

- **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

### Inventory Methods:

- 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.