STONETECH® Advanced Grout Sealer
by LATICRETE International

HPD UNIQUE IDENTIFIER: 22460
CLASSIFICATION: 07 19 00 Water Repellents
PRODUCT DESCRIPTION: STONETECH® Advanced Grout Sealer is an easy-to-use, high performance cement grout sealer for use in interior and exterior environments of natural stone and tile.

Section 1: Summary

CONTENT INVENTORY

- Inventory Reporting Format
  - Nested Materials Method
  - Basic Method

- Threshold Disclosure 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 | GREENSCREEN SCORE | HAZARD TYPE
--- | --- | --- | --- | ---
STONETECH® ADVANCED GROUT SEALER | HYDROTREATED HEAVY NAPHTHA (PETROLEUM) | BM-1 | PBT | MAM | GEN | CAN | MUL
BUTANE | LT-P1 | PHY | GEN | CAN
PROPANE | LT-UNK | UNDISCLOSED | LT-UNK
ACETATE | LT-UNK

Number of Greenscreen BM-4/BM3 contents ... 0
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.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 748
Regulatory (g/l): 748

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"

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?
- Yes
- No

PREPARER: Self-Prepared
VERIFIER: Self-Prepared
VERIFICATION #:
SCREENING DATE: 2020-10-13
PUBLISHED DATE: 2020-10-13
EXPIRY DATE: 2023-10-13
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

### STONETECH® ADVANCED GROUT SEALER

**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.

### HYDROTREATED HEAVY NAPHTHA (PETROLEUM)

**ID:** 64742-48-9

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-10-13

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>60.0000 - 80.0000</td>
<td>BM-1</td>
<td>None</td>
<td>No</td>
<td>Solvent</td>
</tr>
</tbody>
</table>

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

- **PBT**  
  EC - CEPA DSL  
  Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)

- **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

- **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**  
  GHS - Australia  
  H340 - May cause genetic defects

- **CANCER**  
  GHS - Australia  
  H350 - May cause cancer

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

### BUTANE

**ID:** 106-97-8

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-10-13

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STONETECH Advanced Grout Sealer  
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### PROPANE

- **ID:** 74-98-6
- **HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library
- **HAZARD SCREENING DATE:** 2020-10-13
- **%:** 10.0000 - 20.0000
- **GS:** LT-P1
- **RC:** None
- **NANO:** No
- **SUBSTANCE ROLE:** Propellant

#### HAZARD TYPE
- **PHYSICAL HAZARD (REACTION)**: EU - GHS (H-Statements)
  - **H220 - Extremely flammable gas**

#### WARNINGS
- **GENE MUTATION**: GHS - Australia
  - **H340 - May cause genetic defects**
- **CANCER**: GHS - Australia
  - **H350 - May cause cancer**

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

### BUTYL ACETATE

- **ID:** 123-86-4
- **HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library
- **HAZARD SCREENING DATE:** 2020-10-13
- **%:** 0.5000 - 2.0000
- **GS:** LT-UNK
- **RC:** None
- **NANO:** No
- **SUBSTANCE ROLE:** Solvent

#### HAZARD TYPE
- **PHYSICAL HAZARD (REACTION)**: EU - GHS (H-Statements)
  - **H220 - Extremely flammable gas**

#### WARNINGS
- None found

#### 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:** 2020-10-13
- **%:** 0.5000 - 2.0000
- **GS:** LT-UNK
- **RC:** None
- **NANO:** No
- **SUBSTANCE ROLE:** Coating

#### HAZARD TYPE
- **PHYSICAL HAZARD (REACTION)**: EU - GHS (H-Statements)
  - **H220 - Extremely flammable gas**

#### 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.
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>CERTIFIER OR LAB:</td>
<td>LATICRETE</td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2020-10-13</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
</tbody>
</table>

STONETECH® Advanced Grout Sealer 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>CERTIFIER OR LAB:</td>
<td>LATICRETE</td>
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<tr>
<td>ISSUE DATE:</td>
<td>2020-08-12</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td><a href="https://www.laticrete.com/~/media/support-and-downloads/technical-datasheets/tds251.ashx">https://www.laticrete.com/~/media/support-and-downloads/technical-datasheets/tds251.ashx</a></td>
</tr>
</tbody>
</table>

This product is an aerosol with a PWMIR <1.5 O2 product (Clear Coating)

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

STONETECH® Advanced Grout Sealer meets the Living Building Challenge v4.0 requirement that the product does not contain any of the Red Listed Materials or Chemicals. Specifically, STONETECH Advanced Grout Sealer 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), 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. Product-Weighted Maximum Incremental Reactivity (PWMIR) <1.50 g O3/g product (Clear coatings)
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.