# STONETECH® Heavy Duty Exterior Sealer by LATICRETE International

**Health Product Declaration v2.2**

created via: HPDC Online Builder

**HPD UNIQUE IDENTIFIER:** 22467
**CLASSIFICATION:** 07 19 23 Siloxane Water Repellents
**PRODUCT DESCRIPTION:** STONETECH® Heavy Duty Exterior Sealer is a high performance, solvent-based sealer designed for sealing exterior applications of natural stone. Preserves the natural look of the stone and minimizes efflorescence. Ideal for use with natural stone such as granite, slate, travertine, tumbled stone, sandstone, masonry, and concrete.

## 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*
GREENSCREEN SCORE | HAZARD TYPE

STONETECH® HEAVY DUTY EXTERIOR SEALER [ HYDROTREATED HEAVY NAPHTHA (PETROLEUM) BM-1 | PBT | MAM | GEN | CAN | MUL
UNDISCLOSED NoGS UNDISCLOSED LT-P1 | CAN | DEV
UNDISCLOSED BM-1 | DEV | MAM | END | MUL | PHY | REP ]

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. STONETECH® Heavy Duty Exterior Sealer is a low-solids coating which means VOC content is expressed in grams of VOC per liter of material, not grams of VOC per liter of coating, less water (SCAQMD Rule #1113 Table of Standards (cont.) VOC limits). 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): 724 Regulatory (g/l): 724
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:
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® HEAVY DUTY EXTERIOR 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 https://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**

%: **90.0000 - 98.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Solvent**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|---|---|---|
| PBT | EC - CEPA DSL | Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms) |
| PBT | EC - CEPA DSL | Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans |
| 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

#### UNDISCLOSED

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

%: **2.0000 - 10.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coating**

| 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: **2020-10-13**

%: **0.0500 - 0.0800** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coating**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|---|---|---|
| CANCER | MAK | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels |
| DEVELOPMENTAL | MAK | Pregnancy Risk Group B |

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: **2020-10-13**

%: **0.0200 - 0.0300** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Solvent**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|---|---|---|
| DEVELOPMENTAL | US NIH - Reproductive & Developmental Monographs | Clear Evidence of Adverse Effects - Developmental Toxicity |
| MAMMALIAN | EU - GHS (H-Statements) | H301 - Toxic if swallowed |
| MAMMALIAN | EU - GHS (H-Statements) | H311 - Toxic in contact with skin |
| MAMMALIAN | EU - GHS (H-Statements) | H331 - Toxic if inhaled |
| ORGAN TOXICANT | EU - GHS (H-Statements) | H370 - Causes damage to organs |
| ENDOCRINE | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| MULTIPLE | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| PHYSICAL HAZARD (REACTIVE) | EU - GHS (H-Statements) | H225 - Highly flammable liquid and vapour |
| REPRODUCTIVE | GHS - Japan | Toxic to reproduction - Category 1B [H360] |
| DEVELOPMENTAL | CA EPA - Prop 65 | Developmental toxicity |

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** **N/A**

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: Applies to All Facilities.
CERTIFICATE URL:

ISSUE DATE: 2020-10-13

EXPIRY DATE:

CERTIFIER OR LAB: LATICRETE

CERTIFICATION AND COMPLIANCE NOTES: STONETECH® Heavy Duty Exterior Sealer has not been tested for VOC emissions.

**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: 2020-08-12

EXPIRY DATE:

CERTIFIER OR LAB: LATICRETE

CERTIFICATION AND COMPLIANCE NOTES: Does not meet the LEED v4.1 Credit "Low Emitting Materials" Content Requirements per SCAQMD Rule 1113 (Low Solids Coating) and is calculated based on grams of VOC per liter of material.

## 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® Heavy Duty Exterior 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 Heavy Duty Exterior 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), 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.

# Section 6: References

## MANUFACTURER INFORMATION


MANUFACTURER: **LATICRETE International**
ADDRESS: **1 Laticrete Park North**
**Bethany CT 06524, USA**
WEBSITE: **https://laticrete.com**

CONTACT NAME: **Mitch Hawkins**
TITLE: **Senior Manager, Technical Services**
PHONE: **203-393-4619**
EMAIL: **wmhawkins@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
**SKI** 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.*