

# MATERIAL SAFETY DATA SHEET

Stone Enhancer

## Section 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Stone Enhancer  
**Product Number:** F3539  
**Product Use:** Cleaner.  
**Manufacturer/Supplier:** Custom Building Products  
13001 Seal Beach Blvd  
Seal Beach, CA 90740  
**Phone Number:** (562) 598-8808  
**Emergency Phone:** (562) 598-8808  
**Date of Preparation:** November 23, 2008

## Section 2: HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

WARNING

FLAMMABLE. HARMFUL IF SWALLOWED. MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION.

**Potential Health Effects:** See Section 11 for more information.

**Likely Routes of Exposure:** Skin contact, eye contact, inhalation, and ingestion.

**Eye:** May cause eye irritation.

**Skin:** May cause skin irritation.

**Ingestion:** Harmful if swallowed. May cause stomach distress, nausea or vomiting.

**Inhalation:** May cause respiratory tract irritation.

**Chronic Effects:** Prolonged or repeated contact may dry skin and cause irritation.

**Signs and Symptoms:** Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. Symptoms may include redness, drying, and cracking of the skin. Vapours may cause drowsiness and dizziness.

**Medical Conditions Aggravated By Exposure:** Asthma. Allergies.

**Target Organs:** Skin, eyes, gastrointestinal tract, respiratory system.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Potential Environmental Effects:** May cause long-term adverse effects in the aquatic environment. See Section 12 for more information.

## Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient                                  | CAS #      | Wt. %   |
|---|------------|---------|
| Distillates (petroleum), hydrotreated light | 64742-47-8 | 7 - 13  |
| Hexyltrimethoxysilane                       | 3069-19-0  | 5 - 10  |
| Triethoxyoctylsilane                        | 2943-75-1  | 1 - 5   |
| Titanium tetrabutanolate                    | 5593-70-4  | 1 - 5   |
| Methyl alcohol                              | 67-56-1    | 1 - 5   |
| n-Butyl alcohol                             | 71-36-3    | 0.1 - 1 |

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## Section 4: FIRST AID MEASURES

- Eye Contact:** In case of contact, immediately flush eyes with plenty of water. If easy to do, remove contact lenses, if worn.
- Skin Contact:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.
- Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
- Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
- General Advice:** In case of accident or if you feel unwell, seek medical advice immediately (show the label or MSDS where possible).
- Note to Physicians:** Ingestion will lead to hydrolysis producing methanol. Treat for methanol poisoning.

## Section 5: FIRE FIGHTING MEASURES

- Flammability:** Flammable by WHMIS/OSHA criteria.
- Means of Extinction:**
- Suitable Extinguishing Media:** Powder, foam, carbon dioxide.
  - Unsuitable Extinguishing Media:** Water.
- Products of Combustion:** May include, and are not limited to: oxides of carbon, formaldehyde (temperatures >300°F)
- Explosion Data:**
- Sensitivity to Mechanical Impact:** Not available.
  - Sensitivity to Static Discharge:** Not available.
- Protection of Firefighters:** Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## Section 6: ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition.
- Environmental Precautions:** Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.
- Methods for Containment:** Contain and/or absorb spill, then place in a suitable container.
- Methods for Clean-Up:** Soak into absorbent material. Spills of this material are a slipping hazard. Thoroughly wash the area with water after a spill or leak.
- Other Information:** Not available.

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## Section 7: HANDLING AND STORAGE

### Handling:

Keep away from sources of ignition. No smoking. Avoid contact with skin and eyes. Do not swallow. Do not breathe gas/fumes/vapor/spray. Use only in well-ventilated areas. Handle and open container with care. Never add water to this product. When using, do not eat or drink. Wash hands before eating, drinking, or smoking.

### Storage:

Keep out of the reach of children. Keep container tightly closed. Do not store at temperatures above 49°C / 120°F.

## Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines

| Ingredient                                  | Exposure Limits |                       |
|---|-----------------|-----------------------|
|   | OSHA-PEL        | ACGIH-TLV             |
| Distillates (petroleum), hydrotreated light | 100 ppm         | 200 mg/m <sup>3</sup> |
| Hexyltrimethoxysilane                       | Not available.  | Not available.        |
| Triethoxyoctylsilane                        | Not available.  | Not available.        |
| Titanium tetrabutanolate                    | Not available.  | Not available.        |
| Methyl alcohol                              | 200 ppm         | 200 ppm               |
| n-Butyl alcohol                             | 100 ppm         | 50 ppm                |

**Engineering Controls:** Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

### Personal Protective Equipment:

**Eye/Face Protection:** Wear eye/face protection.

**Hand Protection:** Wear suitable gloves.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**General Hygiene Considerations:** Handle according to established industrial hygiene and safety practices.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

|                          |                   |
|--------------------------|-------------------|
| <b>Appearance:</b>       | Clear.            |
| <b>Color:</b>            | Colorless.        |
| <b>Odour:</b>            | Petroleum odor.   |
| <b>Odour Threshold:</b>  | Not available.    |
| <b>Physical State:</b>   | Liquid.           |
| <b>pH:</b>               | Not available.    |
| <b>Viscosity:</b>        | Not available.    |
| <b>Freezing Point:</b>   | Not available.    |
| <b>Boiling Point:</b>    | ~ 65°C (~ 150°F)  |
| <b>Flash Point:</b>      | ~ 14.4°C (~ 58°F) |
| <b>Evaporation Rate:</b> | Not available.    |

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|   |                |
|---|----------------|
| <b>Lower Flammability Limit:</b>              | Not available. |
| <b>Upper Flammability Limit:</b>              | Not available. |
| <b>Vapor Pressure:</b>                        | Not available. |
| <b>Vapor Density:</b>                         | > 1 (Air = 1)  |
| <b>Specific Gravity:</b>                      | 0.96           |
| <b>Solubility in Water:</b>                   | Negligible.    |
| <b>Coefficient of Water/Oil Distribution:</b> | Not available. |
| <b>Auto-ignition Temperature:</b>             | Not available. |
| <b>Percent Volatile, wt. %:</b>               | 19             |
| <b>VOC content, wt. %:</b>                    | 84 g/L         |

## Section 10: STABILITY AND REACTIVITY

**Stability:** Stable under normal storage conditions. Keep in a cool place.

**Conditions of Reactivity:** Heat. Incompatible materials.

**Incompatible Materials:** Acids. Bases. Oxidizers. Water (will form methanol)

**Hazardous Decomposition Products:** May include, and are not limited to: oxides of carbon, formaldehyde (temperatures >300°F)

**Possibility of Hazardous Reactions:** No dangerous reaction known under conditions of normal use.

## Section 11: TOXICOLOGY INFORMATION

### EFFECTS OF ACUTE EXPOSURE

#### Component Analysis

| Ingredient                                  | LD <sub>50</sub> (oral) | LC <sub>50</sub>              |
|---|-------------------------|-------------------------------|
| Distillates (petroleum), hydrotreated light | > 5000 mg/kg, rat       | Not available.                |
| Hexyltrimethoxysilane                       | Not available.          | Not available.                |
| Triethoxyoctylsilane                        | 10060 uL/kg, rat        | Not available.                |
| Titanium tetrabutanolate                    | 3122 mg/kg, rat         | Not available.                |
| Methyl alcohol                              | 5628 mg/kg, rat         | 64000 mg/m <sup>3</sup> , rat |
| n-Butyl alcohol                             | 790 mg/kg, rat          | Not available.                |

**Eye:** May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

**Skin:** May cause skin irritation. Symptoms may include redness, drying, and cracking of the skin.

**Ingestion:** Harmful if swallowed. May cause stomach distress, nausea or vomiting.

**Inhalation:** May cause respiratory tract irritation. Vapours may cause drowsiness and dizziness.

### EFFECTS OF CHRONIC EXPOSURE

**Target Organs:** Not available.

**Chronic Effects:** Not hazardous by WHMIS/OSHA criteria.

**Carcinogenicity:** Not hazardous by WHMIS/OSHA criteria.

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| Ingredient                                  | Chemical Listed as Carcinogen or Potential Carcinogen * |
|---|---|
| Distillates (petroleum), hydrotreated light | I -3, G-A3  |
| Hexyltrimethoxysilane                       | Not listed.   |
| Triethoxyoctylsilane                        | Not listed.   |
| Titanium tetrabutanolate                    | Not listed.   |
| Methyl alcohol                              | Not listed.   |
| n-Butyl alcohol                             | Not listed.   |

\* See Section 15 for more information.

**Mutagenicity:** Not hazardous by WHMIS/OSHA criteria.

**Reproductive Effects:** Not hazardous by WHMIS/OSHA criteria.

**Developmental Effects:**

**Teratogenicity:** Hazardous by WHMIS/OSHA criteria.

**Embryotoxicity:** Hazardous by WHMIS/OSHA criteria.

**Respiratory Sensitization:** Not hazardous by WHMIS/OSHA criteria.

**Skin Sensitization:** Not hazardous by WHMIS/OSHA criteria.

**Toxicologically Synergistic Materials:** Not available.

## Section 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** May cause long-term adverse effects in the aquatic environment.

**Persistence / Degradability:** Not available.

**Bioaccumulation / Accumulation:** Not available.

**Mobility in Environment:** Not available.

## Section 13: DISPOSAL CONSIDERATIONS

**Disposal Instructions:**

This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

## Section 14: TRANSPORTATION INFORMATION

**DOT Classification**

UN1993, Flammable Liquid, n.o.s. (siloxane resins), Class 3, PG II

**TDG Classification**

UN1993, Flammable Liquid, n.o.s. (siloxane resins), Class 3, PG II

## Section 15: REGULATORY INFORMATION

**Federal Regulations**

**Canadian:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**US:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200).

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## SARA Title III

| Ingredient                                     | Section 302<br>(EHS) TPQ (lbs.) | Section 304<br>EHS RQ (lbs.) | CERCLA<br>RQ (lbs.) | Section<br>313 |
|--|---------------------------------|------------------------------|---------------------|----------------|
| Distillates (petroleum),<br>hydrotreated light | Not listed.                     | Not listed.                  | Not listed.         | Not listed.    |
| Hexyltrimethoxysilane                          | Not listed.                     | Not listed.                  | Not listed.         | Not listed.    |
| Triethoxyoctylsilane                           | Not listed.                     | Not listed.                  | Not listed.         | Not listed.    |
| Titanium tetrabutanolate                       | Not listed.                     | Not listed.                  | Not listed.         | Not listed.    |
| Methyl alcohol                                 | Not listed.                     | Not listed.                  | 5,000               | 313            |
| n-Butyl alcohol                                | Not listed.                     | Not listed.                  | 5,000               | 313            |

## State Regulations

### California Proposition 65:

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

## Global Inventories

| Ingredient                                  | Canada<br>DSL/NDSL | USA<br>TSCA |
|---|--------------------|-------------|
| Distillates (petroleum), hydrotreated light | DSL                | Yes.        |
| Hexyltrimethoxysilane                       | NDSL               | Yes.        |
| Triethoxyoctylsilane                        | DSL                | Yes.        |
| Titanium tetrabutanolate                    | DSL                | Yes.        |
| Methyl alcohol                              | DSL                | Yes.        |
| n-Butyl alcohol                             | DSL                | Yes.        |

## HMIS - Hazardous Materials Identification System

Health - 2      Flammability - 3      Physical Hazard - 1      PPE – B

## NFPA - National Fire Protection Association:

Health - 2      Fire - 3      Reactivity - 1

**Hazard Rating:** 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

## WHMIS Classification(s):

- Class B2 - Flammable Liquid
- Class D2A - Teratogenicity and Embryotoxicity
- Class D2B - Skin/Eye Irritant

## WHMIS Hazard Symbols:



## SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

**OSHA (O)** Occupational Safety and Health Administration.

**ACGIH (G)** American Conference of Governmental Industrial Hygienists.

- A1 - Confirmed human carcinogen.
- A2 - Suspected human carcinogen.
- A3 - Animal carcinogen.
- A4 - Not classifiable as a human carcinogen.
- A5 - Not suspected as a human carcinogen.

**IARC (I)** International Agency for Research on Cancer.

- 1 - The agent (mixture) is carcinogenic to humans.
- 2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.

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2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.

3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.

4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

**NTP (N)** National Toxicology Program.  
1 - Known to be carcinogens.  
2 - Reasonably anticipated to be carcinogens.

### Section 16: OTHER INFORMATION

**Disclaimer:**

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

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