

# MATERIAL SAFETY DATA SHEET

Company Name: Superior Stone Products, Inc.  
**Product Name:** Superior ICE (Instant Color Enhancement)  
Issue Date: 3/19/08  
Revision Date: 3/23/09  
MSDS Number: SUP-17740



## Section I – Chemical Product and Company Identification

**Product Identifier:** Superior ICE (Instant Color Enhancement)  
**Product Description:** Stone Color Enhancer  
**Product Code:** 17740  
**Chemical Family:** Silicone Resin Solution

### Manufacturer:

Superior Stone Products, Inc.  
8580 Byron Commerce Drive  
Byron Center, MI 49315  
616-583-0171

**24 Hour Emergency Telephone Number:**  
**CHEMTREC 800-424-9300**

## Section II – Composition/Information on Ingredients

If present, IARC, NTP and OSHA carcinogens and chemicals subject to the reporting requirements of SARA title III Section 313 are identified in this Section.

Part 1

<u>Ingredient</u>	<u>CAS#</u>	<u>% (By Weight)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Methyltrimethoxysilane	1185-55-3	5-10%	Not Established	Not Established

## Section III – Hazards Identification/Possible Routes of Entry

### Caution: Flammable Liquid

**Ingestion:** Liquid ingestion may irritate upper digestive tract.

**Skin:** Prolonged or frequent contact may cause defatting and drying of the skin resulting in irritation and possible dermatitis.

**Eye:** Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product..

**Inhalation:** Exposure to high concentrations may result in headache, dizziness, nausea, drowsiness and loss of consciousness. High concentrations may cause respiratory tract irritation.

### HMIS Codes:

Fire:	2
Health:	3
Reactivity:	0
Personal Protection Index:	X

## Section IV – First Aid Measures

**If Swallowed:** DO NOT INDUCE VOMITING (aspiration hazard). Seek immediate medical aid. Never give anything by mouth to an unconscious person.

**Skin Contact:** Immediately remove contaminated clothing and wash contaminated area with soap and water. Consult a physician if any signs or symptoms described in this document occur. Wash contaminated clothing before reuse. Continue irrigating skin until medical assistance is obtained. Seek immediate medical attention if irritation develops or persists.

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**If Inhaled:** Remove victim from exposure to fresh air. If victim is unconscious, administer artificial respiration and/or oxygen as needed. Symptoms may be delayed; prompt medical attention may be required. Seek immediate medical aid.

**Eyes:** Flush with copious amounts of water for at least 15 minutes. Seek immediate medical aid.

## Section V - Fire Fighting Measures

### Caution: Flammable Liquid

Flammable Class: 1B  
Flash Point: <60.0°F (15.5°C) (Closed Cup)  
Auto Ignition: Unknown  
UEL: Unknown  
LEL: Unknown

**Extinguishing Agents:** Water Spray, foam, dry chemical or carbon dioxide.

**Special Fire Fighting Procedures:** Firefighters and others exposed to vapors or products of combustion should wear self-contained breathing apparatus and full protective clothing. Equipment should be thoroughly decontaminated after use. Evacuate personnel to a safe area.

**Unusual Fire And Explosion Hazards:** Burning may produce toxic vapors, including carbon oxides, silicone dioxide, formaldehyde and metal oxides.

## Section VI - Accidental Release Measures

**Procedure For Cleanup:** Remove all sources of ignition. Ventilate area. Absorb spill with an absorbent material such as sawdust, vermiculite or sand and place in a closed chemical container. If large spill, dike the area to prevent this material from entering water systems or sewers. Prevent contamination of soil and water. Dispose of material in accordance with federal, state/provincial and local regulations.

Call CHEMTREC Emergency Phone Number (24 hour): 1-800-424-9300

## Section VII - Handling and Storage

**General Procedures:** Read and observe all precautions on product label and material safety data sheet before handling. Refer to product label or manufactures technical bulletins for the proper use and handling of this material. Avoid contact with skin, eyes and clothing. Do not use or store near flame, sparks or hot surfaces. Store and use only in well ventilated area. Store away from oxidizing agents, sources of heat, direct sunlight or rain. **DO NOT**

**AEROSOLIZE THIS PRODUCT.** Keep container closed tightly and store in a cool, dry, well ventilated area. Do not weld, heat or drill container.

**Storage Temperature:** 40°F (4.4°C) - 95° F (43.3°C)

**Shelf Life:** One (1) year when stored at room temperature.

## Section VIII - Exposure Controls/Personal Protection

**Engineering Controls:** Use adequate ventilation to keep the airborne concentrations of this material below the recommend exposure standard.

**Respiratory Protection:** If a TLV or PEL listed in this data sheet is exceeded, then suitable respiratory protection must be worn to prevent over exposure. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain limited circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited.

**Protective Clothing:** Wear appropriate clothing and impervious gloves to prevent skin contact.

**Eye Protection:** Wear safety glasses, face shield or chemical goggles when handling this material.

**Other Use Precautions:** Wear safety glasses, face shield or chemical goggles when handling this material.

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## Section IX – Physical and Chemical Properties

**Physical State:** Liquid  
**Color:** Clear to Straw Color  
**Specific Gravity:** 0.95 (Water = 1)  
**Boiling Point:** >60°F (>15.5°C)  
**Solubility:** Not Miscible  
**VOC Content:** <55 g/L

## Section X - Stability and Reactivity

**Stability:** Material is stable.  
**Hazardous Polymerization:** Yes.  
**Incompatibility (materials to avoid):** Strong acids and oxidizing agents.  
**Hazardous Decomposition or Combustion Products:** Heating this material to decomposition may cause the emission of irritating and acrid fumes.

## Section XI - Toxicological Information

**Acute Oral Toxicity:** No data available for this product.  
**Acute Dermal Toxicity:** No data available for this product.  
**Acute Inhalation Toxicity:** No data available for this product.

## Section XII - Ecological Information

No data available for this product.

## Section XIII - Disposal Considerations

Dispose of container and unused contents in accordance with federal, provincial, state and local requirements. For further information, contact your provincial, state or local solid waste agency or the United States Environmental Protection Agency's RCRA hotline (800-424-9300).

## Section XIV - Transportation Information

### United States Department of Transportation (DOT)

Shipping Name: Flammable Liquid, n.o.s. (Contains Methyltrimethoxy Silane)  
Hazard Class: 3  
NA/UN Number: UN 1993  
Packing Group: II

### International Maritime Organization (IMO)

Shipping Name: Flammable Liquid, n.o.s. (Contains Methyltrimethoxy Silane)  
Hazard Class: 3  
NA/UN Number: UN 1993  
Packing Group: II  
EmS: F-E, S-E

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## International Air Transport Organization (IATA)

Shipping Name: Flammable Liquid, n.o.s. (Contains Methyltrimethoxy Silane)  
Hazard Class: 3  
NA/UN Number: 1993  
Packing Group: II  
ERG Code: 3H

Please refer to U.S. DOT, IMO and IATA regulations for more information.

## Section XV - Regulatory Information

### Federal Regulations:

#### Sara Title III - Section 311

Immediate (Acute) Health Effects:	Yes
Chronic (Delayed) Health Effects:	No
Fire Hazard:	Yes
Sudden Release of Pressure Hazard:	No
Reactivity:	Yes

#### Sara Title III - Section 313

None

### Canadian Ingredient Disclosure List:

Methyltrimethoxysilane (1185-55-3)

### WHMIS Classification:

Class B - Division 2  
Class D - Division 2 - Subdivision B

## Section XVI - Other Information

**MANUFACTURER DISCLAIMER:** This information is provided in good faith and is correct to the best of Superior Stone Products' knowledge as of the date hereof; however, Superior Stone Products makes no representation as to its completeness or accuracy. Customers are encouraged to make their own determination as to the suitability of this product for their purpose prior to use. Superior Stone Products disclaims responsibility to damages of any kind resulting from the use of this information. THERE ARE NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THIS INFORMATION OR TO THE PRODUCT IT DESCRIBES.