

# MATERIAL SAFETY DATA SHEET

Company Name: Superior Stone Products, Inc.  
**Product Name:** Superior Acrylic Penetrating  
Issue Date: 01/01/04  
Revision Date: 02/14/08  
MSDS Number: SUP-90140



## Section I – Chemical Product and Company Identification

Product Identifier: Superior Acrylic Penetrating  
Product Description: Acrylic Adhesive and Filler  
Chemical Family: Acrylic

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.

<u>Ingredient</u>	<u>CAS#</u>	<u>% (By Weight)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Methyl Methacrylate	80-62-6	70-90%	100 ppm	50 ppm
Poly (Methyl Methacrylate/ Ethyl Acrylate	9010-88-2	10-20%	Not Established	Not Established
Triethylene Glycol Dimethacrylate Esters	109-16-0	1-10%	Not Established	Not Established

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

### Caution - Flammable Liquid

**Ingestion:** May cause irritation, a burning sensation of the mouth, throat and gastrointestinal tract and abdominal pain.

**Skin:** May cause skin irritation. May cause skin sensitization.

**Eye:** May cause eye irritation. May cause lachrymation (tears), blurred vision and redness.

**Inhalation:** High concentrations is irritant to the respiratory tract and may cause dizziness, headache and anesthetic effects.

### HMIS Codes:

Flammability: 3  
Health: 1  
Physical Hazard: 1  
Personal Protective Index: X

## Section IV – First Aid Measures

**If Swallowed:** Do not induce vomiting unless directed by a medical professional. Give victim 2 glasses of water if conscious. Never give anything by mouth to an unconscious person. Prevent aspiration of vomit. Turn victims head to the side. Seek immediate medical attention.

**Skin Contact:** Remove contaminated clothing. Immediately wash area with soap and water. Continue irrigating skin until medical assistance is obtained. Seek immediate medical attention if irritation develops or persists.

**If Inhaled:** Remove to fresh air. If breathing is labored or has stopped artificial respiration may be provided by a certified individual at the direction of a medical professional. Seek immediate medical attention.

**Eyes:** Hold eyelids apart and immediately flush with water for at least 15 minutes. Seek immediate medical attention. If medical attention is not immediately available continue irrigation until patient receives medical care.

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## Section V - Fire Fighting Measures

Flash Point: 11.5°C (52.7°F) (Estimated)  
Class IB Flammable Liquid

**Hazardous Products of Combustion:** Acrid smoke/fumes/carbon monoxide and other toxic vapors may be generated during combustion. Do not allow runoff from fire fighting to enter drains or water courses.

**Extinguishing Agents:** Use water fog, foam, dry chemical, dry sand, limestone powder or carbon dioxide. Water spray may be used to cool down tanks in proximity to the fire.

**Special Fire Fighting Procedures:** Utilize full protective clothing and self-contained breathing apparatus.

**Unusual Fire And Explosion Hazards:** Intense heat may cause nearby containers to erupt due to hazardous polymerization.

## Section VI - Accidental Release Measures

**Procedure For Cleanup:** Ventilate area. Eliminate sources of ignition. Use self contained breathing apparatus and chemically protective clothing. Wear suitable protective clothing, gloves and eye/face protection. 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.

## 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. Use only in well ventilated area. Keep container closed tightly and store in a cool, dry, well ventilated area. Do not weld, heat or drill container.

**Storage Temperature:** 50° - 100° F

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

## Section VIII - Exposure Controls/Personal Protection

**Respiratory Protection:** When exposures can not be reduced below the PEL, respiratory protection may be required. Use only a NIOSH/MSHA approved respiratory protection if exposed to vapors above the PEL.

**Ventilation:** If the PEL is exceeded, provide explosion proof ventilation to reduce these levels.

**Protective Gloves:** Wear appropriate protective gloves and clothing to prevent skin contact.

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

## Section IX – Physical and Chemical Properties

**Form:** Liquid

**Appearance:** Clear

**Odor:** Characteristic strong and acrid odor

**Boiling Point:** >100°C (>212°F) (estimated)

**Vapor Pressure:** <28.00 mmHg @ 70°F (20°C)

**Vapor Density:** ~3.5 (water = 1)

**Solubility in Water:** Slightly Soluble

**VOC Content:** 642 - 825 g/L (estimated)

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## Section X - Stability and Reactivity

**Stability:** Stable under normal use conditions.

**Hazardous Polymerization:** May occur by contamination of product or depletion of inhibitor.

**Incompatibility (materials to avoid):** Oxidizing agents and reducing agents. Material is a strong solvent and can soften paints and rubber.

**Hazardous Decomposition or Combustion Products:** Heating of this product may cause irritating, acrid fumes. Hazardous gases/vapors including carbon monoxide, carbon dioxide and smoke may develop.

## 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.

Contact manufacturer for any applicable toxicological information.

## Section XII - Ecological Information

No data available for this product. Contact manufacturer for any applicable ecological information.

## 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 (800-424-9346).

## Section XIV - Transportation Information

### Transportation Data/DOT

Resin Solution

Hazard Class: 3

NA/UN Number: 1866

Packing Group: II

Please refer to U.S. Department of Transportation 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: No

#### Sara Title III - Section 313

Methyl Methacrylate (80-62-6)

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**Canadian Ingredient Disclosure List:**

Methyl Methacrylate (80-62-6)  
Triethylene Glycol Dimethacrylate Esters (109-16-0)

**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.