

# MATERIAL SAFETY DATA SHEET

Company Name: Superior Stone Products, Inc.

**Product Name: Superior Gold Knife Grade**

Issue Date: 12/4/09

Revision Date: 7/12/2010

MSDS Number: 200-30010



## Section I – Chemical Product and Company Identification

**Product Identifier:** Superior Gold Knife Grade

**Product Description:** Acrylic Adhesive and Filler

**Product Code:** 30010

**Chemical Family:** Acrylic

### Manufacturer:

Superior Stone Products, Inc.

8580 Byron Commerce Drive

Byron Center, MI 49315

Phone: (616) 583-0176

**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>% (By Weight)</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Methyl Methacrylate	10-80%	80-62-6	100 ppm	50 ppm
Poly (Methyl Methacrylate/ Ethyl Acrylate	<30%	9010-88-2	Not Established	Not Established
Triethylene Glycol Dimethacrylate Esters	<15%	109-16-0	Not Established	Not Established
Amorphus Fumed Silica	5-15%	112945-52-5	5 mg/m <sup>3</sup> (Respirable)* 15 mg/m <sup>3</sup> (Total)*	5 mg/m <sup>3</sup> (Respirable)* 15 mg/m <sup>3</sup> (Total)*

\*Particulates Not Otherwise Regulated

## Section III – Hazards Identification

### 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.

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

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

### HMIS Codes:

Fire: 3

Health: 1

Reactivity: 1

Personal Protection 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.

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**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.

## Section V - Fire Fighting Measures

### Caution: Flammable Liquid

Flammable Class: 1B  
Flash Point: 11.5°C (52.7°F) (Estimated)  
Auto Ignition: 490°C  
UEL: 1.7%  
LEL: 8.2%

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

## Section VII - Handling and Storage

Read and observe all precautions on product label and material safety data sheet before handling. Refer to product label or manufacturer's 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 temperatures.

## Section VIII - Exposure Controls/Personal Protection

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

**Respiratory Protection:** When exposures cannot 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

**Protective Clothing:** 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

**Physical State:** Paste Like

**Color:** Opaque

**Solubility in Water:** Slightly Soluble

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

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

**Odor:** Characteristic strong and acrid odor

**VOC Content:** 550 - 733 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:** Heating of this product may cause irritating, acrid fumes. Hazardous gases/vapors including carbon monoxide, carbon dioxide and smoke may develop.

**Conditions to avoid:** Heat and direct sunlight

## 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

**Ecotoxicological 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

### DOT (DEPARTMENT OF TRANSPORTATION)

Technical Name: Resin Solution

Hazard Class: 3

NA/UN Number: 1866

Packing Group: II

Please refer to the DOT regulations for more information

### International Air Transport Association (IATA)

Technical Name: Resin Solution

Hazard Class: 3

NA/UN Number: 1866

Packing Group: II

ERG Code: 3L

Please refer to the IATA regulations for more information

### International Maritime Organization (IMO)

Technical Name: Resin Solution

Hazard Class: 3

NA/UN Number: 1866

Packing Group: II

EmS: F-E, S-E

Please refer to the IMO regulations for more information.

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## 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)

### Canada:

#### Ingredient Disclosure List:

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

#### WHMIS Classification:

B2 & D2B

## 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.