


# Material Safety Data Sheet

U.S. Department of Labor

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

<b>Hazard Rating</b>		
4= Extreme	Toxicity = 2	
3= High	Fire = 3	
2= Moderate	Reactivity = 0	
1= Slight		
0= Insignificant	Personal Protection = B	
** See Sect IV		

<b>IDENTITY (As Used on Label and List)</b> Stone Die & Plaster Hardener-Resin or Thinner	<b>DOT Hazard Class</b> Flammable Liquid, nos UN 1993, Class 3, PG II ORM-D consumer commodity	<b>Code:</b>
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## Section I - Contact

<b>Manufacturer's Name:</b> George Taub Products & Fusion Co. Inc.	<b>Emergency Telephone Number:</b> Chemtrec: 800-424-9300, 703-527-3887
<b>Address (Number, Street, City, State, and ZIP Code):</b> 277 New York Ave Jersey City, N.J. 07307	<b>Telephone Number for Information:</b> 201-798-5353
	<b>Date Prepared:</b> 11/16/05
	<b>Signature of Preparer (optional):</b>

## Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s)):	CAS REG. NO.:	OSHA PEL:	ACGIH TLV:	% (optional):
2-Butanone	78-93-3	200 ppm	200 ppm	> 80
Methyl methacrylate	80-62-6	100 ppm	100 ppm	< 1
<b>Non-Hazardous Components:</b> Resin co-polymer (proprietary)				

## Section III - Physical/Chemical Characteristics

<b>Boiling Point:</b> 175.3 F	<b>Melting Point:</b> -122.8 F	<b>Evaporation Rate (Butyl Acetate = 1):</b> > 1.0	<b>Viscosity:</b> > 30 sec. Zahn # 1 cup
<b>Vapor Pressure (mm Hg):</b> 80 mm Hg @ 20 C	<b>Vapor Density (AIR = 1):</b> > 1.0	<b>Specific Gravity (H<sub>2</sub>O = 1):</b> 0.95 - 1.0	<b>% Volatile (by weight):</b> > 80
<b>Solubility in Water:</b> Partially for resin, moderately for thinner			
<b>Appearance and Odor:</b> Clear, light yellow or colorless liquid, with low viscosity. Pungent, sweet odor.			

## Section IV - Fire and Explosion Hazard Data

<b>Flash Point (Method Used):</b> 24.8 F (-4 C) Tag closed cup	<b>Flammable Limits:</b>	<b>LEL:</b> 1.8	<b>UEL:</b> 11.5
<b>Extinguishing Media:</b> <input type="checkbox"/> Foam <input checked="" type="checkbox"/> "Alcohol" Foam <input checked="" type="checkbox"/> CO2 <input checked="" type="checkbox"/> Dry Chemical <input type="checkbox"/> Water Spray <input type="checkbox"/> Other			
<b>Special Fire Fighting Procedures:</b> Wear MSHA/NIOSH approved pressure demand, self-contained breathing apparatus with full protective equipment. Cool fire-exposed containers with water spray. High pressure solid stream of water will spread the fire.			
<b>Unusual Fire and Explosion Hazards:</b> Solvent vapors can travel to an ignition source and flash back. Explosive mixtures can form with air. Hazardous decomposition products: carbon monoxide.			

## Section V - Reactivity Data

<b>Stability:</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	<b>Conditions to Avoid:</b> Avoid contacts with ignition sources (e.g. sparks, open flame, heated surfaces)
<b>Incompatibility (Materials to Avoid):</b> Strong oxidizing agents, strong acids and strong bases	
<b>Hazardous Decomposition or Byproducts:</b> Oxides of carbon. May yield acrylic monomers.	
<b>Hazardous Polymerization:</b> <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	<b>Conditions to Avoid:</b> Not applicable

## Section VI - Health Hazard Data

Route(s) of Entry:  Inhalation  Skin  Eyes  Ingestion

### Health Hazards (Acute and Chronic):

If inhaled or ingested may cause drowsiness, dizziness, headache, nausea, vomiting, diarrhea, gastrointestinal irritation, central nervous system effects, slow respiration, unconsciousness, pulmonary edema, pneumonitis, coma and death. May cause sensitization by skin contact and moderate skin irritation including irritation of nose and throat. Direct eye contact can cause severe irritation temporary damage and possibly conjunctivitis.

Carcinogenicity:  NTP  IARC Monographs  OSHA Regulated Not classifiable

### Signs and Symptoms of Exposure:

Drowsiness, dizziness, nausea, vomiting, diarrhea, headache, allergic skin reaction, abdominal pain.

Medical Conditions - Generally Aggravated by Exposure: None known.

### Emergency and First Aid Procedures:

Inhalation: Move to fresh air. Give artificial respiration if breathing has stopped. Shortness of breath - give oxygen. Get prompt medical attention. Skin Contact: Wash off with soap and plenty of water. Remove and wash contaminated clothing. Eye Contact: Rinse immediately with plenty of water for minimum of 15 min. Get prompt medical attention. Ingestion: Do not induce vomiting. Drink 1-2 glass of water. Get prompt medical attention

## Section VII - Precautions for Safe Handling and Use

### Steps to Be Taken in Case Material is Released or Spilled:

Personal Precautions: Appropriate protective equipment must be worn for handling spill, see Section 8. If exposed to material, see Section 6. Environmental Precautions: Warning - Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

### Waste Disposal Method:

Spill Clean up: Eliminate all ignition sources. Evacuate personnel to safe areas. Ventilate the area. Floor may be slippery, use caution. Soak up with inert absorbent material (Paper towel, sand, silica gel, sawdust). Avoid breathing vapor. Wear MSHA/NIOSH approved respirator. Note: Spills on porous surfaces can contaminate ground water. Normal Disposal: Waste Classification: Methyl Ethyl Ketone (78-93-3), 40 CFR 261.20-.24. For discard, this is classified as a hazardous waste with the characteristic of ignitability and toxicity. RCRA #D001. Reportable quantity is 100 lbs.(40 CFR 302) Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations. (See 40 CFR 268). For small quantity spills, allow solvent in paper towel to evaporate in well ventilated areas or outdoors (preferred). Contaminated packaging: Empty containers should be taken for local recycling or waste disposal.

### Precautions to Be Taken in Handling and Storing:

Use of proper ventilation required. Use non-sparking tools and grounding cables when transferring. Wash after handling. Storage: Avoid temperature extremes during storage. Store out of sunlight and in cool place. Keep containers tightly capped. Clean neck of resin container free of resin buildup to maintain proper seal. Store containers in approved area for flammables. Avoid ignition sources, e.g handpiece motor, bunsen burner.

### Other Precautions:

CONTAINERS MAY BE HAZARDOUS WHEN EMPTY. Emptied containers contain residue. Follow all MSDS and labels.

## Section VIII - Control Measures

Respiratory Protection (Specify Type): None required if airborne concentrations maintained below the exposure limit.

Ventilation:  Local Exhaust  Mechanical (General)  Special  Other

Use explosion-proof local exhaust ventilation with min. capture velocity of 100 ft/min at point of vapor evolution.

Protective Gloves: Chemical-resistant only | Eye Protection: Chemical-resistant goggles

Other Protective Clothing or Equipment: Chemical-resistant apron or other impervious cloth

Work/Hygienic Practices: Eyewash, shower

## Section IX - Regulatory Information

This product is considered hazardous under OSHA Hazard Communication. Standard (29CFR 1910.1200).

This product is a 'controlled product' under Canadian Workplace Hazardous Materials Information System (WHMIS) SARA TITLE III: Sect 313 (40CFR372) above de minimus concentrations (Methyl methacrylate (80-62-6), Methyl Ethyl Ketone (78-93-3)). CERCLA (40CFR302.4) regulated components: MMA (RQ 1000 lbs), MEK (RQ 5000 lbs).

**Disclaimer:** While the information and recommendations set forth herein are believed to be accurate as of the date hereof, George Taub Products makes no warranty with respect thereto and disclaims all liability from reliance thereon.