Material Safety Data Sheet

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

U.S. Department of Labor

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

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

IDENTITY ***(As Used on Label and List)***	**DOT Hazard Class**	**Item Code:**
MINUTE STAIN COLORS, GLAZE, THINNER GLAZE for Composites & Thinner	UN 1993 FLAMMABLE LIQUID, nos (contains Ethyl Methyl Ketone) ORM-D consumer commodity	01-xxxx

Section I - Contact

Manufacturer's Name: George Taub Products & Fusion Co., Inc.	**Emergency Telephone Number:** Chemtrec: 800-424-9300, 703-527-3887
Address ***(Number, Street, City, State, and ZIP Code):*** 277 New York Ave Jersey City, N.J. 07307	**Telephone Number for Information:** 201-798-5353
	Date Prepared: 06/13/11
	Signature of Preparer (optional):

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s)):	**CAS REG. NO.:**	**OSHA PEL:**	**ACGIH TLV:**	**%***(optional)*:
Methyl Ethyl Ketone	78-93-3	200 ppm	200 ppm	> 70
Non-Hazardous Components (Acrylic Copolymers – Proprietary pigments)				
Titanium Dioxide (for some colors)	13463-67-7			< 2
Red Iron Oxide Pigment	1332-37-2	15 mg/m3	10 mg/m3	
Yellow Iron Oxide Pigment	51274-00-1	15 mg/m3	10 mg/m3	‼ FORMTEXT
Black Iron Oxide Pigment	12227-89-3	15 mg/m3	10 mg/m3	
Partially unknown (including non-hazardous)				

Section III - Physical/Chemical Characteristics

Boiling Point:	**Melting Point:**	**Evaporation Rate** (Butyl Acetate = 1)**:**	**Viscosity:**
80C / 176F initial	-86 / -123F initial	> 1	80 cps max
Vapor Pressure (mm Hg)**:**	**Vapor Density** (AIR = 1)**:**	**Specific Gravity** (H_2O = 1)**:**	**% Volatile** (by weight)**:**
70 est. 20C / 68F	> 1	0.95	> 80

Solubility in Water: Slightly, as dry film

Appearance and Odor:
Clear, low viscosity - for glaze and thinner. Various colors for pigmented stains. Sweet, sharp odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)**:**	**Auto Ignition Temp:**	**Flammable Limits:**	**LEL:**	**UEL:**
-4C / 25F SFCC	516C / 961F est.		2.0 est.	12.0 est.

Extinguishing Media: ☐ Foam ☒ "Alcohol" Foam ☒ CO2 ☒ Dry Chemical ☒ Water Spray ☐ Other

Special Fire Fighting Procedures: Wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear. Use water spray to cool containers.

Unusual Fire and Explosion Hazards:
Vapors can travel to a sourse of ignition and flash back. Material can form explosive vapors with air.

Section V - Reactivity Data

Stability:	**Conditions to Avoid:**
☒ Stable ☐ Unstable	Avoid contacts with ignition sources (e.g. sparks, open flame, heated surfaces)

Incompatibility (Materials to Avoid)**:** Strong oxidizing agents, strong acids and strong bases

Hazardous Decomposition or Byproducts: Oxides of carbon. May yield acrylic monomers.

Hazardous Polymerization: ☐ May Occur ☒ Will Not Occur	**Conditions to Avoid:** Not applicable

* U.S.G.P.O.: 1986 - 491 - 529/45775

Section VI - Health Hazard Data

Route(s) of Entry: ☒ Inhalation ☒ Skin ☒ 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 Applicable

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 protecitve 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 transfering. Wash after handling. Storage: Avoid temperature extremes during storage. Store out of sunlight and in cool place. Keep containers tightly capped. Clean neck of 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 – Toxicity Information

Data for MEK: Rat - Oral LD50: 3.3 g/kg; Rabbit - Dermal LD50: >8 ml/kg; Rat - Inhalation LC50: >2000 ppm / 2hrs

Section X – 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 deminimus 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)

* U.S.G.P.O.: 1986 - 491 - 529/45775