


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

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

IDENTITY (As Used on Label and List) TRU-FIT SILVER, TRU-FIT GOLD, TRU-FIT THINNER	DOT Hazard Class UN 1993 FLAMMABLE LIQUID, nos (contains Ethyl Methyl Ketone) ORM-D consumer commodity	Item Code: 03-xxxx, I, H
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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: 2014/05/30
	Signature of Preparer (optional): Lawrence Taub

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s)):	CAS REG. NO.:	OSHA PEL:	ACGIH TLV:	% (optional):
Methyl Ethyl Keytone (MEK)	78-93-3	200 ppm	200 ppm	> 65.0
Toluol (in Gold color)	108-88-3	200 ppm	100 ppm	< 4.0
Aluminum (in Silver color)	7429-90-5	10 mg/m3	10 mg/m3	> 5.0
Copper (in Gold color)	7440-50-8	1 mg/m3	1 mg/m3	> 8.0
Zinc (in Gold color)	7440-66-6	n/a	5 mg/m3	> 2.0

Non-Hazardous Components: Contents partially unknown resin copolymers-proprietary

Section III - Physical/Chemical Characteristics

Boiling Point: 80C/176F initial	Melting Point: -86C/-123F initial	Evaporation Rate (Butyl Acetate = 1): > 1	Viscosity: 400 cps max
Vapor Pressure (mm Hg): 70 est. 20C/68F	Vapor Density (AIR = 1): > 1	Specific Gravity (H₂O = 1): 0.95	% Volatile (by weight): > 65% (Min)
Solubility in Water: Slightly, as dry film			
Appearance and Odor: Gold Color, Silver Color, Thinner- Water white. Viscous Liquid. Sweet/ sharp odor			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): -4C/25F SFCC	Auto Ignition Temp: 516C/961F	Flammable Limits:	LEL: 1.8 est	UEL: 11.5 est
Extinguishing Media: <input type="checkbox"/> Foam <input checked="" type="checkbox"/> "Alcohol" Foam <input checked="" type="checkbox"/> CO2 <input checked="" type="checkbox"/> Dry Chemical <input checked="" type="checkbox"/> Water Spray <input type="checkbox"/> 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. Do not use water on open flame. Dike fire area gently with fine, dry sand to extinguish fire. Do not use halogenated hydrocarbon extinguishing agents.				
Unusual Fire and Explosion Hazards: Vapors can travel to a source of ignition and flash back. Material can form explosive vapors with air. Avoid contact with water.				

Section V - Reactivity Data

Stability: <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid: Avoid contact with water, mineral acids, chlorinated solvents.
Incompatibility (Materials to Avoid): Water, acids, alkalis, chlorinated solvents	
Hazardous Decomposition or Byproducts: Hydrogen Gas, CuO, ZnO	
Hazardous Polymerization: <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	Conditions to Avoid: Strong oxidizers, alkalis, acids

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation Skin Ingestion

Health Hazards (Acute and Chronic): May cause nervous system depression (fatigue, drowsiness, dizziness), headache, nausea, stupor, Burning, tearing, redness and swelling of eyes, drying and cracking of skin.

Carcinogenicity: NTP IARC Monographs OSHA Regulated Not Applicable

Signs and Symptoms of Exposure:

INHALATION/INGESTION: Solvent vapor or mist can cause headache, nausea, dizziness, incoordination, stupor, irritation of nose, throat, lungs. Irritation of digestive tract. Nervous system depression (fatigue, drowsiness, dizziness)

SKIN/EYES: Burning, tearing, redness and swelling of eyes, transient corneal injury, drying and cracking of skin.

Medical Conditions - Generally Aggravated by Exposure: Copper/Zinc alloy powder - pre-existing skin disorders, respiration, liver, kidney & Wilson's disease.

Emergency and First Aid Procedures: **INHALATION:** Move subject to fresh air. Give artificial respiration if breathing has stopped. See a physician. **EYE/SKIN CONTACT:** Flush eyes with large amount of water for at least 15 min. Wash affected skin with soap and water. Remove and clean contaminated clothing. See Physician if irritation persists. **INGESTION:** Seek medical attention. If victim is drowsy/unconscious, place on the left side with head down. Do not give anything by mouth. If victim is conscious/alert, give no more than 2 glasses of water and induce vomiting (30 cc or 2 tbsp syrup of ipecac or stick finger in person's throat). Reduce above by half for child. Keep victim's head below hips.

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:

Limit storage of flammable material to approved areas. Keep properly ventilated. Ground all containers when transferring material. Store bottles away from heat. Keep away from open flame of bunsen burner or furnace. Keep containers tightly sealed. Periodically clean neck of bottle of resinous build up (clean inside of cap) to maintain proper seal. Do not smoke when using. Avoid storing near acids, chlorinated solvents. Add thinner as needed, to keep proper thinness of material.

Other Precautions: Storage Temp: 60C/140F min. STEL: 125 ppm MEK. CONTAINERS MAY BE HAZARDOUS WHEN EMPTY. Emptied containers contain residue. Follow all MSDS and labels. Keep away from spark.

Section VIII - Control Measures

Respiratory Protection (Specify Type): None required if good ventilation is maintained. Otherwise self-contained breathing apparatus (pressure-demand, MSHA/NIOSH - approved or equivalent.)

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

Data for Toluol:

Rat - Oral LD50: >5 g/kg

Rabbit - Dermal LD50: >3.16 g/kg

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), Toluol (108-88-3). 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.