

MATERIAL SAFETY DATA SHEET (G3)

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Date Revised: 05/5/07
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Transportation Emergency: (800)255-3924

SECTION I - PRODUCT IDENTIFICATION

PRODUCT	HAZARDOUS COMPONENTS (Sec. II)
Golden Mineral Spirit Acrylic (MSA) Mediums	
07730 MSA Varnish w/ UVLS (Gloss)	1,2,3,5,6
07735 MSA Varnish w/ UVLS (Satin)	1,2,3,4,5,6
07740 MSA Varnish w/ UVLS (Matte)	1,2,3,4,5,6
93300 MSA Gel	1,2,3,5
07742 Hard MSA Varnish w/ UVLS (Gloss)	1,2,3,5,6
07744 Hard MSA Varnish w/ UVLS (Matte)	1,2,3,4,5,6
07743 Hard MSA Varnish w/ UVLS (Satin)	1,2,3,4,5,6
Custom MSA Colors	1,2,3,5,7
Custom MSA Varnish (Gloss)	1,2,3,4
Custom MSA Varnish (Matte or Satin)	1,2,3,4,5
Custom MSA Medium	1,2,3,5
9033050 MSA Embellishing Gel Gloss w/UVLS	1,2,3,5,6
Mineral Spirit Solvent (Stoddard Solvent)	1,2,3

NOTE : All the above listed products have the following HMIS ratings:

Health - 2 Flammability - 2 Reactivity - 0 Protective Equip. - X

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CODE	HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PERMISSIBLE EXPOSURE LIMITS		
			TWA	STEL	CEILING
1	Aliphatic petroleum hydrocarbon	8032-32-4	300 ppm	-	-
2	Stoddard Solvent	8052-41-3	100 ppm	-	-
3	Aromatic 150	64742-94-5	NE	-	-
4	Amorphous Silica	68855-54-9	6 mg/M ³	-	-
5	Residual Monomer(<1%)	Not Required			
6	2-(-2'-Hydroxy-3',5'-Di-Tert-Amylphenyl) Benzotriazole ("UVLS" products only)	25973-55-1	NE	-	-
7	Pigment- See Golden MSDS G1				

TWA = Time Weighted Average (ave. airborne exposure in 8 hr work shift of a 40 hr work week)

STEL = Short Term Exposure Limit (15 minute time weighted average exposure)

CEILING = exposure not to be exceeded during any part of the work day

ppm = parts of vapor or gas per million parts of contaminated air by volume

mg/M³ = approximate milligrams of substance per cubic meter of air

NE = None Established

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 154°C/309°F initial **SPECIFIC GRAVITY (H20=1):** 0.90-0.95
VAPOR DENSITY: Heavier than air **EVAPORATION RATE:** Slower than ether
V.O.C.: @550 g/l, before thinning
SOLUBILITY IN WATER: Negligible
APPEARANCE AND ODOR: Clear, hazy or colored medium; Mineral Spirit odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 41°C/106°F **METHOD USED:** SFCC
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 0.9% est. **UPPER:** 6.0% est.
EXTINGUISHING MEDIA: "Alcohol" Foam, CO₂, Dry Chemical, Water Spray
SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and full protective gear. Use water spray to cool containers.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Dried film can burn, yielding toxic combustion products.

SECTION V - REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Excessive heat.
INCOMPATIBILITY: Strong oxidizers.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal decomposition may yield oxides of carbon and nitrogen and monomer fumes.
HAZARDOUS POLYMERIZATION: Will not occur.

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SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Solvent vapor or mist can cause headache, dizziness, nausea, mild depression, convulsions, loss of consciousness and irritation of nose and throat.

EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: May cause irritation and transient corneal damage.

SKIN CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Prolonged or repeated contact may be irritating to skin.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Swallowing the liquid may result in vomiting. If vomiting occurs spontaneously, do not allow vomitus to be breathed into the lungs as even a small quantity in the lungs may result in chemical pneumonitis and pulmonary edema/hemorrhage. Overexposure to the Benzotriazole compound may cause liver damage or blood effects.

CARCINOGENICITY: NTP: *No* IARC: *No* OSHA: *No*

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing skin, eye, or respiratory conditions may be aggravated by exposure.

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: Flush with water for 15 minutes. If symptoms persist, seek medical attention.

SKIN CONTACT: Wash with soap and water. If irritation persists, seek medical attention.

INHALATION: Remove subject to fresh air. Give artificial respiration if breathing has stopped. Seek medical attention.

INGESTION: If swallowed DO NOT INDUCE VOMITING. Get immediate medical attention. If vomiting occurs spontaneously, keep victim's head below hips to prevent vomitus from entering the lungs.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate ignition sources. Dike and contain spill with inert material (e.g., sand, earth). Transfer material to containers for recovery or disposal and solid diking material to separate containers for disposal. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

WASTE DISPOSAL METHOD: When discarded this material is a hazardous waste. RCRS #D-001 (ignitable); reportable quantity 100 lbs (SARA/Superfund).

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Maximum storage temperature: 60°C/140°F. Minimum storage temperature: -18°C/0°F. Limit storage of combustible material to approved areas. Ground all containers when transferring material.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: For nuisance levels of vapor or inadequate ventilation, an organic vapor respirator is appropriate. If spraying or sanding, wear a NIOSH-approved respirator for dusts, mists and organic vapors.

VENTILATION: Explosion-proof local exhaust ventilation at point of contaminant release is recommended.

PROTECTIVE GLOVES: Nitrile or other solvent resistant gloves.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety glasses with splash protection or goggles.

WORK/HYGIENIC PRACTICES: Do not eat, drink or smoke when working with materials, avoid excessive skin contact, wash after working with materials, KEEP OUT OF REACH OF CHILDREN.

SECTION IX - TRANSPORTATION INFORMATION

EMERGENCY TELEPHONE NUMBER: (800)255-3924

SHIPPING NAME: Paint or Paint Related Material **IDENTIFICATION NUMBER:** UN1263 **CLASS:** III **LABEL:** Flammable Liquid

Exemptions apply for motor carrier.

SECTION X - ADDITIONAL PRECAUTIONS AND INFORMATION

DISCLAIMER

While Golden Artist Colors Inc. believes the data set forth herein is accurate as of the date hereof, Golden Artist Colors Inc., makes no warranty with respect to the accuracy of this date, and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation and verification.