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GOLDEN ARTIST COLORS®

Material Safety Data Sheet (G3E)

SECTION I – PRODUCT IDENTIFICATION

MSDS Date: 10/28/03

PRODUCT NAME Golden Mineral Spirit Acrylic (MSA) Mediums	*Hazardous Components (Sec II)*
07730 MSA Varnish w/ UVLS (Gloss)	2, 3, 6
07735 MSA Varnish w/ UVLS (Satin)	2, 3, 4, 6
07740 MSA Varnish w/ UVLS (Matte)	2, 3, 4, 6
93330 MSA Gel	2, 3
93305 Custom MSA Gel w/ UVLS	2, 3, 6
07742 Hard MSA Varnish w/ UVLS (Gloss)	2, 3, 6
07743 Hard MSA Varnish w/ UVLS (Satin)	2, 3, 4, 6
07744 Hard MSA Varnish w/ UVLS (Matte)	2, 3, 4, 6
Custom MSA Colors	2, 3, 7
Custom MSA Varnish (Gloss)	2, 3, 4
Custom MSA Varnish (Satin, Matte)	2, 3, 4
Custom MSA Medium	2, 3
Mineral Spirit Solvent	2, 3

SECTION II – HAZARDOUS INGREDIENTS

	Hazardous Component	*CAS #*	*% by weight*	*OSHA PEL*
2	Stoddard Solvent	8052-41-3	50-55	500 ppm
3	Aromatic 150	64742-94-5	< 5	None Established
4	Amorphous Silica	68855-54-9	< 10	6 mg/m^3
6	2-(2-Hydroxy-Diamylphenyl) benzotriazole	25973-55-1	< 2	None Established
7	Pigment – See Golden MSDS G1E		< 25	

SECTION III – 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 the nose and throat.

Eye Contact Health Risks and Symptoms of Exposure:
May cause eye irritation and transient corneal damage.

Skin Contact Health Risks and Symptoms of Exposure:
Prolonged or repeated contact can cause irritation.

Ingestion Health Risks and Symptoms of Exposure:
Swallowing the material may result in vomiting. If vomiting occurs spontaneously, do not allow vomitus to be breathed into lungs. A small quantity aspirated into the lungs may result in chemical pnuemonitis and pulmonary edema/hemorrhage. Overexposure to benzotriazole compound may cause liver damage or blood effects.

Carcinogenicity: Ingredients are not considered to be carcinogenic

Medical Conditions Generally Aggravated by Exposure:
Pre-existing skin, eye, or respiratory conditions may be aggravated by exposure

SECTION IV – FIRST AID PROCEDURES

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. Remove contaminated clothing. Seek medical attention for irritation.
Inhalation	Remove subject to fresh air. Give artificial respiration if breathing has stopped. Seek medical attention.
Ingestion	If swallowed do not induce vomiting. Seek immediate medical attention. If vomiting occurs spontaneously, keep victims head below hips to prevent vomitus from entering lungs.

SECTION V – FIRE FIGHTING

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, Carbon dioxide, Dry chemical or water spray
Special Fire fighting Procedures Use self-contained breathing apparatus and full protective clothing. Use water spray to cool containers.
Unusual Fire and Explosion Hazards Decomposition and combustion products may be toxic.

SECTION VI – ACCIDENTAL RELEASE

Avoid excessive inhalation and skin contact. Eliminate ignition sources. Dike and contain spilled material with inert material (sand, earth). Transfer material to container for recovery or disposal. Transfer soiled diking material to separate container for disposal. Keep spills and cleaning runoffs from entering municipal sewers and open bodies of water.

SECTION VII – HANDLING AND STORAGE

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 materials to approved areas. Ground all containers when transferring materials.

SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION

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 dust, mists and organic vapor.
Ventilation: Explosion proof local exhaust ventilation at the point of release is recommended.
Protective Gloves : Nitrile or other solvent resistant gloves.
Other Protective Equipment: Safety glasses with splash protection or goggles
Work / Hygiene Practices: Use safe handling practices. Do not eat, drink or smoke when working with materials. Avoid excessive skin contact. Wash after using materials. Keep material from children.

SECTION IX – PHYSICAL / CHEMICAL PROPERTIES

Boiling Point: 154 C / 309 F (initial)
Specific Gravity (Water = 1): 0.90 – 0.95
Vapor Density: Heavier than Air
Evaporation Rate: Slower than Ether
Solubility in Water: Negligible
Appearance and Odor: Clear, hazy or colored medium – mineral spirit odor

SECTION X – STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: Excessive heat
Incompatibility: May react with strong oxidizers
Hazardous decomposition or byproducts: Thermal decomposition may yield oxides of carbon and nitrogen and monomer fumes.
Hazardous polymerization : Will not occur

SECTION XI – TOXICOLOGICAL INFORMATION

Based on solvent in material

Oral LD_{50} - Rabbit:	> 5000 mg/kg
Dermal LD_{50} – Rabbit:	3160 mg/kg
Eye Irritation – Rabbit :	Substantial
Skin Irritation – Rabbit:	Moderate

SECTION XII – ECOTOXICOLOGICAL INFORMATION

Not readily biodegradable. No other data available.

SECTION XIII – DISPOSAL CONSIDERATIONS

Waste Disposal Method: It is best to use all material rather than dispose of it. When discarded as supplied, material is a hazardous waste. If necessary, dispose of product in accordance with local regulations for solvent-based materials. Dried material does not pose hazard of ignition.
US: RCRS #D-001 (ignitable); reportable quantity 100 lbs. (SARA/Superfund). Incinerate liquid and contaminated materials at a permitted facility according to local, state and federal regulations

SECTION XIV – TRANSPORT INFORMATION

Emergency Telephone Numbers: *US:* 800-255-3924 *International:* 813-248-0585
Shipping Name: Paint *or* Paint related material **ID #:** UN1263 **Class:** III **Label:** Flammable Liquid
Exemptions apply for motor carriers

SECTION XV – REGULATORY INFORMATION

Products are labeled in compliance with 67/548/EEC.

SECTION XVI – OTHER

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.

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