

MATERIAL SAFETY DATA SHEET

SECTION 1 – COMPANY AND PRODUCT IDENTIFICATION

Golden Artist Colors, Inc.
188 Bell Road
New Berlin, NY 13411

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Phone: (607)847-6154
Prepared by: Ben Gavett

HAZARDOUS COMPONENTS (See Sec. 3)

07730	MSA Varnish w/ UVLS (Gloss)	A,B,C,H
07735	MSA Varnish w/ UVLS (Satin)	A,B,C,H,5
07740	MSA Varnish w/ UVLS (Matte)	A,B,C,H,5
93300	MSA Gel	A,B,C
07742	Hard MSA Varnish w/ UVLS (Gloss)	A,H
07743	Hard MSA Varnish w/ UVLS (Satin)	A,H,5
07744	Hard MSA Varnish w/ UVLS (Matte)	A,H,5
9033050	MSA Embellishing Gel Gloss w/UVLS	A,B,C,H
CPW3305	MSA Embellishing Gel Gloss w/UVLS	A,B,C,H
077510	Mineral Spirit Solvent (Stoddard Solvent)	A,D,E,F,G

MSA Colors	A,B,C and....
Anthraquinone Blue	-
Bone Black	13
Burnt Sienna	20,24
Burnt Umber & Burnt Umber Light	20,24,25
Carbon Black	13
Cerulean Blue	14,18
Chrome Oxide Green	14
C.P. Cadmium Orange	7,9,10
C.P. Cadmium Red (all)	7,9,10
C.P. Cadmium Yellow (Dark, Lt., Med.)	7,9,35
C.P. Cadmium Yellow Primrose	7,9,35
Cobalt Blue	18
Cobalt Green	14,18
Cobalt Titanate Green	6,18,28
Cobalt Turquoise	14,18
Diarylide Yellow	-
Dioxazine Purple	-
Graphite Gray	23

Green Gold	8,28
Hansa Yellow (Lt., Med. & Opaque)	-
Interference Colors (all)	27,33
Iridescent Bright Gold	27,33
Iridescent Bronze	19,24,27
Iridescent Gold (and Coarse)	24,27,33
Iridescent Silver	23,27,33
Irid. Stain. Steel (Coarse and Fine)	15,28
Jenkins Green	8,19,28
Mars Black	24
Mars Yellow	24
Naphthol Red (Lt. & Med.)	-
Nickel Azo Yellow	26,28
Paynes Gray	13
Perm. Green Lt.	7,19
Phthalo Blue GS	7,19
Phthalo Blue RS	19
Phthalo Green BS	7,19
Phthalo Green YS	19
Pyrrole Colors (all)	-
Quinacridone Burnt Orange	31
Quinacridone Crimson	31
Quinacridone Gold	-
Quinacridone Magenta	-
Quinacridone Red	25
Quinacridone Red Lt.	30
Quinacridone Violet	-
Raw Sienna	20,24
Raw Umber	20,24,25
Red Oxide	24
Titan Buff	20,33
Titanate Yellow	6,28
Titanium White	3,5,33
Turquoise (Phthalo)	7,19
Ultramarine Blue	-
Vat Orange	-
Violet Oxide	24
Yellow Ochre	20,24,
Yellow Oxide	24
Zinc White	34

SECTION 2 - HAZARD IDENTIFICATION

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.

Exposure to dusts and mists from sanding and spraying may be irritating to the respiratory tract. Chronic exposure to dusts and mists may cause pulmonary diseases.

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: Product may get into the lungs during swallowing or vomiting. Even a small quantity aspirated into the lungs may result in chemical pneumonia and pulmonary edema/hemorrhage. Overexposure to benzotriazole compound may cause liver damage or blood effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Products denoted as “w/UVLS” can cause allergic reaction by skin contact in sensitized individuals. Pre-existing respiratory conditions may be aggravated by exposure.

ADDITIONAL HAZARDS ASSOCIATED WITH SPECIFIED COMPONENTS IDENTIFIED IN SECTION 3:

BENZOTRIAZOLE- Overexposure through ingestion may cause kidney and liver damage

CADMIUM- Cadmium Compounds are classified by IARC as probably carcinogenic in humans. OSHA also classifies such compounds as causing lung and kidney disease.

WARNING: DO NOT SPRAY APPLY – This product contains cadmium, a chemical known to the State of California to cause cancer by means of inhalation.

CARBON BLACK- IARC classification as Group 2B, possibly carcinogenic to humans

WARNING: This product contains a chemical known to the State of California to cause cancer.

CERULEAN BLUE- Skin contact may cause allergic sensitization. Ingestion may cause systemic toxicity. **WARNING:** This product contains a chemical known to the State of California to cause cancer.

CRYSTALLINE SILICA- Considered a carcinogen through inhalation overexposure. Also a known cause of silicosis, a noncancerous lung disease. **WARNING:** This product contains a chemical known to the State of California to cause cancer.

COBALT COMPOUNDS- Individuals hypersensitive to Cobalt may develop asthma, bronchitis, or shortness of breath. May cause skin sensitization. **WARNING:** This product contains a chemical known to the State of California to cause cancer.

CHROMIUM- Chromium and some of its compounds are considered carcinogenic, both in animals and humans. Evidence of Chromium (III) compound carcinogenicity is inconclusive. **WARNING:** This product contains a chemical known to the State of California to cause cancer.

ETHYL BENZENE- **WARNING:** This product contains a chemical known to the State of California to cause cancer.

MANGANESE- Overexposure may affect the Central Nervous System and lungs, resulting in transitory psychosis, tiredness, weakness and pneumonitis. May aggravate preexisting neuralgic conditions.

MELAMINE- Acute exposure may cause eye or respiratory irritation. Chronic feeding studies in male rats resulted in transitional-cell carcinomas.

MICA- Can cause slight lung fibrosis and pneumoconiosis.

NAPHTHALENE- NTP reports that lifetime inhalation exposure to naphthalene resulted in increases in tumors of the nose in rats. **WARNING:** This product contains a chemical known to the State of California to cause cancer.

NICKEL, METAL AND COMPOUNDS- IARC and NTP also state there is sufficient evidence of carcinogenicity in experimental animals and humans. Ingestion may result in damage to the testes. **WARNING:** This product contains a chemical known to the State of California to cause cancer.

QUINACRIDONES- Overexposure may cause dermatitis. Pigment contains a compound found to be a skin, eye and respiratory irritant.

TITANIUM DIOXIDE- Listed by IARC under category 2B, possibly carcinogenic to humans.

ZINC- Overexposure may result in fever, chills, muscular pain or nausea. **WARNING: DO NOT SPRAY APPLY-**This product contains cadmium, a chemical known to the State of California to cause cancer.

SECTION 3 - HAZARDOUS COMPONENT INFORMATION

CODE		Max %	CAS NUMBER	OSHA PERMISSIBLE EXPOSURE LIMITS		
				TWA	STEL	CEILING
A	Mineral Spirits	90	8052-41-3	100 ppm		
B	Solvent Naptha, heavy arom.	10	64742-94-5	NE		
C	Naphthalene	1	91-20-3	10 ppm		
D	Trimethylbenzene 1,2,4-	10	95-63-6	25 ppm		
E	Trimethylbenzene 1,3,5-	10	108-67-8	25 ppm		
F	Xylene	5	1330-20-7	100 ppm		
G	Ethyl Benzene	1	100-41-4			
H	2-(-2'-Hydroxy-3',5'-Di-Tert- Amylphenyl) Benzotriazole	2	25973-55-1	NE		
3	Aluminum Hydroxide	5	45-51-2	NE		
5	Amorphous Silica	10	7631-86-9	6 mg/M ³		
6	Antimony and Compounds	10	7440-36-0	.5 mg/M ³		
7	Barium Sulfate	10	7727-43-7	10 mg/M ³		
8	Barium, Soluble Compounds	5	7440-39-3	.5 mg/M ³		
9	Cadmium Sulfide	20	1306-23-6	5 µg/M ³ (as Cadmium)		
10	Cadmium Selenide	20	1306-24-7	5 µg/M ³ (as Cadmium)		
13	Carbon Black	25	1333-86-4	3.5 mg/M ³		
14	Chromium (III) Compounds	20	varies	.5 mg/M ³		
15	Chromium Metal	10	7440-47-3	1 mg/M ³		
18	Cobalt Compounds	20	Vary			
19	Copper	5	7440-50-8	1 mg/M ³		
20	Crystalline Silica	5	64-46-1	.05 mg/M ³		
23	Graphite(natural)	20	7782-42-5	2.5 mg/M ³		
24	Iron Oxide	25	1309-37-1	10 mg/M ³		
25	Manganese compounds	5	7439-96-5	NE		5 mg/M ³
26	Melamine	5	108-78-1	NE		
27	Mica	15	12001-26-2	3 mg/M ³		
28	Nickel, metal & compounds	15	7447-02-0	.1 mg/M ³		
30	Quaternary Ammonium Salt	5	112-02-7	NE		
31	Quinacridonequinone	5	1503-48-6	NE		
33	Titanium Dioxide	30	3-67-7	10 mg/M ³		
34	Zinc Oxide	20	1314-13-2	10 mg/M ³		
35	Zinc Sulfide	10	1314-98-3	NE		

TWA= Time Weighted Average (ave. airborne exposure in 8 hr work shift 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

NE = None established

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

SECTION 4 - FIRST AID MEASURES

EYE CONTACT: Flush with water for 15 minutes. Seek medical attention if any symptoms persist.

SKIN CONTACT: Remove contaminated clothing. Wash with soap and water. Seek medical attention if any symptoms persist.

INHALATION: Remove subject to fresh air. Seek medical attention if any symptoms persist.

INGESTION: If swallowed do not induce vomiting. Seek immediate medical attention. If vomiting occurs spontaneously, keep victims head below hips to prevent vomit from entering lungs.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: 41 C / 106 F **METHOD USED:** SFCC

FLAMMABLE LIMITS IN AIR BY VOLUME: LOWER: .9% est. **UPPER:** 6% est.

EXTINGUISHING MEDIA: Carbon dioxide, water spray, foam or dry chemical

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 6 – ACCIDENTAL RELEASE MEASURES

Avoid excessive inhalation and skin contact. Eliminate ignition sources. Contain spill. Transfer material to container for recovery or disposal. Transfer contaminated soil or other material to separate container for disposal. Keep spills and cleaning runoffs from entering municipal sewers and open bodies of water.

SECTION 7 - HANDLING AND STORAGE

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 8 - EXPOSURE CONTROL/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 CLOTHING OR EQUIPMENT: Safety glasses with splash protection or goggles

WORK/HYGIENIC PRACTICES: Use safe work practices, including: do not eat, drink or smoke when working with materials, avoid skin contact, wash after use. Keep from reach of children.

SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 154 C / 309 F (initial)

VAPOR DENSITY: Heavier than air

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: Clear, hazy or colored medium – mineral spirit odor

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY: May react with strong oxidizers

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Paynes Gray, Ultramarine Blue and Ultramarine Violet may react with acids to form flammable and toxic hydrogen sulfide. Acid decomposition of cadmium pigments may yield hydrogen sulfide, selenide gases and toxic cadmium salts in solution. If cadmiums are heated to above 800°C, decomposition to toxic fumes of cadmium oxide, zinc oxide, sulfur dioxide and selenium dioxide will occur. Thermal decomposition may yield oxides of carbon and nitrogen and monomer fumes

SECTION 11 – TOXICOLOGICAL INFORMATION

Oral LD50 - rabbit: >5000 mg/kg

Dermal LD50 - rabbit: 3160 mg/kg

Eye Irritation – rabbit: substantial

Skin Irritation – rabbit: moderate

SECTION 12 – ECOLOGICAL INFORMATION

Not readily biodegradable. No other data available.

SECTION 13 – DISPOSAL CONSIDERATIONS

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/ignitable materials. Dried material does not pose hazard of ignition.

Based on EPA TCLP (metals solubility), Cadmium and Cobalt Turquoise pigmented paints should be treated as hazardous wastes.

SECTION 14 -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 15 – REGULATORY INFORMATION

Consumer Product Labeling: Products are labeled in compliance with 67/548/EEC (EU), FHSA/LHAMA (USA), CCCR (Canada).

EU:

X	Harmful
R10	Flammable.
R36/37	Irritating to eyes and respiratory system.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
S2	Keep out of the reach of children.
S51	Use only in well-ventilated areas.

SECTION 16 – OTHER INFORMATION

Revision 9/22/08: Added Section 16