

K4387
MATERIAL SAFETY DATA SHEET (G1B)

97-12724
 97-12725

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

30190

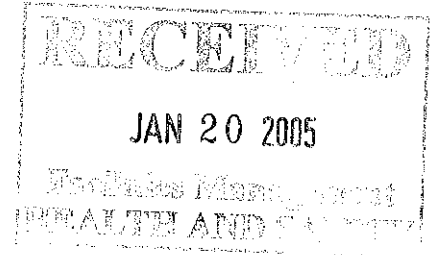
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SECTION I - PRODUCT IDENTIFICATION

HAZARDOUS COMPONENTS
 (Sec. II)

GOLDEN ACRYLIC ARTIST PAINTS (all colors)	
Golden Airbrush Colors	1,2,6
Golden Acrylics	1,2,6
Golden Acrylics Fluid Acrylic	1,2,6
Golden Acrylics High Load Acrylic	1,2,3,4,6
Golden Glaze Colors	1,2,3,6
Golden Matte Acrylics	1,2,3,4,6
Golden Custom High Solid Paint	1,2,6
Golden Custom Matte Fluid Paint	1,2,3,4,6
Golden Custom Paste Paint	1,2,3,4,6
GOLDEN ACRYLIC GELS & MEDIUMS	
03010 Soft Gel (Gloss)	1,2
03013 Soft Gel (Matte)	1,2,3,4
03017 Soft Gel (Semi-gloss)	1,2,3
03020 Regular Gel (Gloss)	1,2
03030 Regular Gel (Matte)	1,2,3,4
03040 Regular Gel (Semi-gloss)	1,2,3
03050 Heavy Gel (Gloss)	1,2
03060 Heavy Gel (Matte)	1,2,3,4
03070 Heavy Gel (Semi-gloss)	1,2,3
03080 Extra Heavy Gel (Gloss)	1,2
03090 Extra Heavy Gel (Matte)	1,2,3,4
03100 Extra Heavy Gel (Semi-gloss)	1,2,3
03110 Extra Heavy/Molding Paste	1,2,5
03120 High Solid Gel (Gloss)	1,2
03130 High Solid Gel (Matte)	1,2,3,4
03200 Pumice Gels (all)	1,2,3
03230 Garnet Gels (all)	1,2,4
03215 Extra Coarse Clear Granular Gel	1,2
03330 Clear Tar Gel	1,2
03510 Polymer Medium (Gloss)	1,2
03520 Fluid Matte Medium	1,2,3
03530 Matte Medium	1,2,3
03531 Super Loaded Matte Medium	1,2
03535 Airbrush Medium	1,2
03537 Airbrush Transparent Extender	1,2
03550 Gesso	1,2,3,5,6
03551 Sandable Hard Gesso	1,2,3,5,6,7
03555 Absorbent Ground (White)	1,2,4,6
03556 Absorbent Ground (Canvas)	1,2,4,6
03560 Black Gesso	1,2,4,5,6
03570 Molding Paste	1,2,5
03571 Hard Molding Paste	1,2,5
03575 Light Molding Paste	1,2,5
03580 Retarder	2
03640 Acrylic Ground for Pastels	1,2,4
03670 Acrylic Modifier for Plaster	1,2
03690 Silkscreen Medium	1,2
03720 Acrylic Glazing Liquid (Gloss)	1,2
03721 Acrylic Glazing Liquid (Satin)	1,2
03910 GAC-100 Acrylic	1,2
03920 GAC-200 Acrylic	1,2
03950 GAC-500 Acrylic	1,2
03970 GAC-700 Acrylic	1,2
03980 GAC-800 Acrylic	1,2
04900 Phosphorescent Medium	1,2,6



SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

MATERIAL SAFETY DATA SHEET (G1B)

CODE	HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PERMISSIBLE EXPOSURE LIMITS		
			TWA	STEL	CEILING
1	Ammonia	7664-41-7	-	35 ppm	-
2	Propylene Glycol	57-55-6	NE		
3	Amorphous Silica	68855-54-9	6 mg/M ³	-	-
4	Crystalline Silica				
	Cristobalite	14464-46-1	0.05 mg/M ³	-	-
	Quartz	14808-60-7	0.1 mg/M ³	-	-
5	Calcium Carbonate	1317-65-3	15 mg/M ³	-	-
6	Pigment - see Golden's MSDS Form: G1A				
7	Talc	14807-96-6	2 mg/M ³	-	-

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: >100°C/212°F

SPECIFIC GRAVITY (H₂O=1): 1.0-2.0

VAPOR DENSITY: Heavier than air

EVAPORATION RATE: Slower than ether

SOLUBILITY IN WATER: Dilutable

APPEARANCE AND ODOR: Milky white or colored- slight ammonia odor

V.O.C (maximum g/l):

	Actual	Less Water
Acrylic Colors (Heavy Body)	126	281
Fluid Acrylic Colors	110	254
Golden Glaze Colors	332	700
Acrylic Glazing Liquid	340	700

(values for other products available upon request)

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: N/A

UPPER: N/A

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

SPECIAL FIREFIGHTING PROCEDURES: Use self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Material can splatter above 100°C/212°F. Dried paint film can burn. Decomposition and combustion products may be toxic.

SECTION V - REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY AND CONDITIONS TO AVOID: None known

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal decomposition may yield toxic oxides of carbon, monomer fumes and oxides of nitrogen.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: None expected under normal conditions of use. Irritation of the nose, throat and lungs is associated with excessive exposure to ammonia. Overexposure to dusts and mists from sanding and spraying may be irritating to the respiratory tract. Prolonged exposure to excessive concentrations of silica dust may cause chronic pulmonary disease.

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For products containing crystalline silica:
WARNING: This product contains a chemical known to the State of California to cause cancer.

EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Contact may be irritating to eyes. Absorbent Ground may be very irritating upon eye contact.

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

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: May cause irritation to gastrointestinal system. Chronic ingestion overexposure to Propylene Glycol may cause CNS effects and kidney damage.

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. SEE DOCTOR if any symptoms persist.
SKIN CONTACT: Wash with soap and water. SEE DOCTOR if skin irritation occurs.
INHALATION: Remove subject to fresh air.
INGESTION: SEE DOCTOR if there are symptoms of exposure.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Floors may be slippery, care should be exercised to avoid falls. Dike and contain spill with inert material. Transfer material to containers for recovery or disposal.

WASTE DISPOSAL METHOD: Dispose as per local, state or EPA regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid freezing - product may coagulate.

OTHER PRECAUTIONS: None

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: None required under normal use. When sanding or spraying, use a NIOSH/MSHA certified dust and mist respirator. If conditions warrant, a multi-gas and vapor respirator for protection against organic vapor and ammonia may be appropriate.

VENTILATION: None required under normal use. When using large amounts, adequate ventilation is recommended (e.g. window exhaust fan).

PROTECTIVE GLOVES: None required under normal use. For techniques requiring continual hand exposure, gloves are recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required under normal use.

WORK/HYGIENIC PRACTICES: All Golden products should be used in accordance with safe handling practices, including: do not eat, drink or smoke when working with materials, avoid excessive skin contact, wash after working with materials.

SECTION IX - 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 data, and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation and verification.