MATERIAL SAFETY DATA SHEET (G2)

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

Date Revised: 7/18/03
Phone: (607)847-6154

Prepared by: Ben Gavett

SECTION I - PRODUCT IDENTIFICATION

	HAZARDOUS COMPONENTS (Sect. II)
Custom Golden Acrylic Gels & Mediums	
X30201 Regular Gel (Gloss) Low Foam	1,2,3
X30401 Regular Gel (Semi-Gloss) Low Foam	1,2,3
X30501 Heavy Gel (Gloss) Low Foam	1,2,3
X30701 Heavy Gel (Semi-Gloss)	1,2,3
Seconds Gel	1,2,4
X88350 Craquelure Topcoat	1,3
97770 Porcelain Restoration Glaze	1,3
97771 Porcelain Restoration Glaze- Matte	1,3,5
Custom GAC Heat Setting Mediums	
03940 GAC-400	1,3,11
03990 GAC-900	1,3,11
93695 Silk Screen Fabric Gel	1,3,11
Silk Screen Fabric Paints	1,3,10,11
Custom Heat Set Colors	1,3,10,11
Custom Golden Miscellaneous Products	
9077502 Ultra Matte Acrylic Topcoat	3,5
93582 Universal Dispersant	1,2,3,8
98510 Liquid Thickener (Long Rheology)	-
98520 Liquid Thickener (Short Rheology)	-

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

CODE	HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PERMISSIBLE EXPOSURE LIMITS TWA	STEL	CEILING
1	Ammonia	7664-41-7	-	35 ppm	-
2	Dipropylene Glycol Monobutyl Ether	29911-28-2	NE	-	-
3	Propylene Glycol				
4	trade secret	-	NE		
5	Amorphous Silica	112945-52-5	6 mg/m^3	-	-
8	Octylphenoxypolyethoxy-ethanol	9036-19-5	NE	NE	NE
10	Pigment - see Golden MSDS "G1A"				
11	Formaldehyde	50-00-0	.75 ppm	-	-

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 air by volume
mg/M3 = approximate milligrams of substance per cubic meter of air
NE = Not Established

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: >100°C/212°F
SPECIFIC GRAVITY (H20=1): 1.0-1.2
VAPOR DENSITY: Heavier than air
EVAPORATION RATE: Slower than ether

SOLUBILITY IN WATER: Dilutable
APPEARANCE AND ODOR: Milky white or colored - slight ammonia odor

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

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========== SECTION V - REACTIVITY DATA ==========

STABILITY: Stable
INCOMPATIBILITY AND CONDITIONS TO AVOID: None known
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal decomposition may yield oxides of carbon, monomer fumes, and oxides of nitrogen. Heat setting of GAC-400, GAC-900 and Silk Screen Fabric Paint or Gel yields trace amounts of formaldehyde.
HAZARDOUS POLYMERIZATION: Will not occur

========== SECTION VI - HEALTH HAZARD DATA ==========

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Irritation of the nose, throat and lungs may result from overexposure to ammonia, and formaldehyde. Overexposure to the proprietary ingredient listed in Section II may cause headache, fatigue, confusion, nausea. Exposure to dusts and mists from sanding and spraying may be irritating to the respiratory tract. Prolonged exposure to excessive concentrations of formaldehyde has been linked to cancer.

For products containing formaldehyde:
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.

SKIN CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Contact may be irritating. At 100% concentration, the proprietary ingredient listed has been reported to cause skin dermatitis in some individuals.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: May cause irritation to gastrointestinal system. Octylphenoxypolyethoxyethanol may be harmful if swallowed.

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: If swallowed, dilute by giving 2 or more glasses of water to drink ONLY IF CONSCIOUS! SEE DOCTOR.

========== 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.

WASTE DISPOSAL METHOD: Dispose as nonhazardous latex paint per local regulations

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

==========SECTION VIII - CONTROL MEASURES ==========

RESPIRATORY PROTECTION: None required under normal use. When sanding or spraying, use a NIOSH certified dust and mist respirator.

VENTILATION: Have good ventilation when heat-setting GAC-400 or GAC-900. For continuous use of other products, dilution ventilation is recommended.

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

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required during 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 hands and face thoroughly after use, separate work and living quarters and keep professional materials out of reach of children.

==========SECTION IX – SHIPPING INFORMATION==========

Products meet no hazard criteria for shipping. Therefore, UN ID#, Packaging Group and Hazard Class are all non-applicable.

========== SECTION IX - ADDITIONAL PRECAUTIONS AND INFORMATION ==========

DISCLAIMER

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