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## Material Safety Data Sheet (G2)

### SECTION I – PRODUCT IDENTIFICATION

MSDS Date: 3/1/04

This MSDS applies to paints and mediums. For information on a specific color, reference this MSDS and Golden MSDS G1A, where hazardous components for pigments are listed.

<i>Custom Golden Acrylic Gels &amp; Mediums</i>	<i>Hazardous Components (Sec II)</i>
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) Low Foam	1, 2, 3
0037400 Giclee Topcoat-Waterbased Seconds Gel	1, 2, 3
X88350 Craquelure Topcoat	1, 2, 4
97770 Porcelain Restoration Glaze	1, 3
97771 Porcelain Restoration Glaze (Matte)	1, 3
<i>Custom GAC Heat Setting Mediums</i>	
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
<i>Custom Golden Miscellaneous Products</i>	
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

<i>Hazardous Component</i>	<i>CAS #</i>	<i>OSHA PEL</i>
1 Ammonia	7664-41-7	35 ppm (STEL)
2 Dipropylene Glycol Monobutyl Ether	29911-28-2	None Established
3 Propylene Glycol	57-55-6	None Established
4 Trade Secret		None Established
5 Amorphous Silica	112945-52-5	6 mg/m <sup>3</sup>
8 Octylphenoxypolyethoxyethanol		None Established
10 Pigment – See Golden MSDS G1A		
11 Formaldehyde	50-00-0	.75 ppm

### SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b>	> 100 C	<b>Specific Gravity:</b>	1.0 – 1.2
<b>Vapor Density:</b>	Heavier than Air	<b>Evaporation Rate:</b>	Slower than ether
<b>Solubility in H<sub>2</sub>O:</b>	Dilutable		
<b>Appearance and Odor:</b>	Milky White or pigmented – slight ammonia odor		

### SECTION IV – FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point:</b>	N/A	<b>Method Used:</b>	N/A
<b>Flammable Limits:</b>	Lower: N/A	<b>Upper:</b>	N/A
<b>Extinguishing Media:</b>	Foam, Carbon Dioxide, Dry Chemical, Water Spray		
<b>Special Firefighting Procedures:</b>	Wear self-contained breathing apparatus and full protective gear.		
<b>Unusual Fire and Explosion Hazards:</b>	Decomposition and combustion products may be toxic. Material can splatter above 100 C. Dried paint film may burn.		

### SECTION V – REACTIVITY DATA

<b>Stability:</b>	Stable
<b>Conditions to avoid:</b>	None known
<b>Incompatibility:</b>	May react with strong oxidizers

MSDS G2

**Hazardous Decomposition Products:**

Thermal Decomposition may yield toxic oxides of carbon, monomer fumes and oxides of nitrogen. Heat setting of GAC 400, GAC 900, and Silk Screen Fabric mediums 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 is associated with excessive exposure to ammonia and/or formaldehyde. Overexposure to proprietary ingredient listed in Section II may cause headache, fatigue, confusion, and nausea. Overexposure 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:**

May cause eye irritation.

**Skin Contact Health Risks and Symptoms of Exposure:**

Prolonged or repeated contact can cause irritation. At 100% concentration, the proprietary ingredient listed has been reported to cause dermatitis in some individuals.

**Ingestion Health Risks and Symptoms of Exposure:**

May cause irritation or pain to the gastrointestinal system. Octylphenoxy polyethoxyethanol may be harmful if swallowed.

**Carcinogenicity:** Formaldehyde, a component of GAC 400, GAC 900, and Silk Screen Fabric Mediums has been linked to cancer.

**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. 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, dilute by giving 2 glasses of water ONLY IF CONSCIOUS. Seek medical attention.

**SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE****Steps to be Taken in Case of Release or Spill :**

Avoid inhalation of vapors and skin contact. Contain spilled product with inert material. Floors may be slippery, exercise caution to avoid falls. Transfer material to container for recovery or disposal.

**Waste Disposal Method:** Dispose of in accordance with federal, state, and local regulation.

**Precautions to be Taken in Handling and Storage:**

Avoid inhalation and skin contact. Avoid freezing – product may coagulate

**SECTION VIII – CONTROL MEASURES**

**Respiratory Protection** None required under normal use. When sanding or spraying an NIOSH approved dust/mist respirator should be used.

**Ventilation** Use general area ventilation, such as a window fan, to control vapors when using heat setting mediums. For continuous use of other products, general ventilation is recommended.

**Protective Gloves** None required under normal use. For techniques that employ continuous hand contact, latex or nitrile gloves are recommended.

**Other Protective Equipment** None required under normal use. For spraying goggles are recommended.

**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 – TRANSPORTATION INFORMATION**

**Emergency Telephone Number** 800-255-3924

**Shipping Name:** ID Number Class:

Label:

**HMIS Rating** Health: 1 Flammability: 0 Reactivity: 0

**SECTION X – ADDITIONAL INFORMATION AND PRECAUTIONS**

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.