

01773-XXXX

**MATERIAL SAFETY DATA SHEET****SECTION 1 – COMPANY AND PRODUCT IDENTIFICATION**

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

**Date:** 3/4/2014  
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**QoR® WATERCOLORS**

**HAZARDOUS  
COMPONENTS  
(See Sec. 3)**

<b>Item #</b>	<b>Description</b>	
7000525	Ardoise Gray	5,20,29
7000135	Aureolin Modern	5,11,28,29,33
7000115	Bismuth Vanadate Yellow	5,8,5,29
7000415	Bohemian Green Earth	5,13,19,24,28.8.29
7000470	Burnt Sienna (Natural)	5,20,24,29
7000480	Burnt Umber (Natural)	5,20,24,29
7000180	Cadmium Orange	5,12,29
7000245	Cadmium Purple	5,12,29
7000220	Cadmium Red Deep	5,12,29
7000195	Cadmium Red Light	5,12,29
7000215	Cadmium Red Medium	5,12,29
7000170	Cadmium Yellow Deep	5,12,29
7000120	Cadmium Yellow Light	5,12,29
7000130	Cadmium Yellow Medium	5,12,29
7000105	Cadmium Yellow Primrose	5,12,29
7000500	Carbon Black	5,13,29
7000330	Cerulean Blue Chromium (PB 36)	5,18,29
7000530	Chinese White	5,20,29
7000410	Chrome Ox Green	5,29
7000320	Cobalt Blue	18,29
7000325	Cobalt Blue Deep	18,29
7000390	Cobalt Green	18,29
7000360	Cobalt Teal	5,18,29
7000370	Cobalt Turquoise	5,18,29
7000285	Cobalt Violet	5,18,29
7002020	Cold Press Ground	1,29,33
7000175	Diarylide Yellow	5,29

7002010	Dimensional Ground	1,29
7000295	Dioxazine Purple	29
7000350	French Cerulean Blue (PB 28)	5,18,29
7000315	French Ultramarine Blue	5,29
7002040	Gesso	1,11,29,33
7000425	Green Gold	5,29
7000110	Hansa Yellow Light	5,29
7000125	Hansa Yellow Medium	5,29
7000395	Hookers Green	5,28,29
7000335	Indanthrone Blue	5,29
7000145	Indian Yellow	5,28,29
7000305	Indigo	5,13,19,29
7000540	Iridescent Gold (Fine)	24,27,29,33
7000545	Iridescent Pearl (Fine)	27,29,33
7000550	Iridescent Silver (Fine)	27,29
7000505	Ivory Black	5,13,29
7001550	Lift Aid	29
7000355	Manganese Blue	5,11,19,29
7000460	Mars Orange Deep	5,24,29
7000435	Naples Yellow	5,13,5,20,29
7000520	Neutral Tint	5,19,28,8,29
7000140	Nickel Azo Yellow	5,28,29
7000100	Nickel Yellow	5,6,28,5,29
7000420	Olive Green	5,8,5,19,24,29
7000510	Paynes Gray	5,13,19,29
7000515	Paynes Gray Cool	5,13,29
7000240	Permanent Alizarin Crimson	5,29
7000150	Permanent Gamboge	5,28,28,8,29
7000385	Permanent Green Light	5,19,29
7000190	Permanent Orange	5,29
7000230	Permanent Scarlet	5,29
7000255	Perylene Maroon	5,7,29
7000345	Phthalo Blue / G.S	5,19,29
7000375	Phthalo Green / B.S.	5,19,29
7000365	Phthalo Turquoise	5,19,29
7000340	Prussian Blue	5,28,6,29
7000225	Pyrrole Red Deep	5,29
7000200	Pyrrole Red Light	5,29
7000210	Pyrrole Red Medium	5,29
7000165	Quinacridone Burnt Orange	5,29
7000260	Quinacridone Crimson	5,29
7000155	Quinacridone Gold	5,28,29
7000160	Quinacridone Gold Deep	5,29
7000265	Quinacridone Magenta	5,29
7000235	Quinacridone Red	5,29

7000205	Quinacridone Red Light	5,29
7000280	Quinacridone Violet	5,29
7000450	Raw Sienna (Natural)	5,20,24,29
7000485	Raw Umber (Natural)	5,20,24,29
7000400	Sap Green	5,19,24,28,29
7000490	Sepia	5,13,24,28,29
7000300	Sevres Blue	5,19,20,29
7001000	Synthetic Ox Gall	29
7000405	Terre Verte	5,20,24,29
7000430	Titan Buff	5,29,33
7000535	Titanium White	5,29,33
7000475	Transparent Brown Oxide	5,24,28.8,29
7000185	Transparent Pyrrole Orange	29
7000455	Transparent Red Oxide	5,29
7000445	Transparent Yellow Oxide	5,28.8,29
7000310	Ultramarine Blue	5,29
7000275	Ultramarine Pink	5,29
7000290	Ultramarine Violet	5,29
7000495	VanDyke Brown	5,28.8,29
7000465	Venetian Red	5,24,29
7000380	Viridian Green	5,14,29
7002000	Watercolor Ground	1,20,29,33
7001500	Watercolor Medium	29
7000440	Yellow Ochre (Natural)	5,20,24,29

## ***SECTION 2 - HAZARD IDENTIFICATION***

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** None known.

**EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** Contact may be mildly irritating.

**SKIN CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** None generally expected. Contact with some pigments may cause allergic reaction in sensitized individuals. See pigment-specific information below.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** May cause irritation to gastrointestinal system. Chronic ingestion of some pigments may be harmful. See pigment-specific information below.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Pre-existing skin, eye, or respiratory conditions may be aggravated by exposure.

**ADDITIONAL HAZARDS ASSOCIATED WITH SPECIFIED PIGMENTS OR THEIR COMPONENTS IDENTIFIED IN SECTION 3:**

**CADMIUM PIGMENT-** Cadmium Compounds are classified by IARC as probably carcinogenic in humans. OSHA also classifies such compounds as causing lung and kidney disease. **WARNING:** This product contains a chemical known to the State of California to cause cancer by means of inhalation.

**CARBON BLACK- 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. (Applies to airborne particles of respirable size only)

**CRYSTALLINE SILICA-** Considered a carcinogen through particulate inhalation. **WARNING:** This product contains a chemical known to the State of California to cause cancer. (Applies to airborne particles of respirable size only)

**COBALT COMPOUNDS-** Individuals hypersensitive to Cobalt may develop asthma, bronchitis, or shortness of breath. May cause skin sensitization. IARC classification as Group 2B, possibly carcinogenic to humans.

**CHROMIUM III Compounds-** Some chromium compounds are considered carcinogenic, evidence of Chromium (III) compound carcinogenicity is inconclusive.

**NICKEL 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.

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

**VIRIDIAN-** **WARNING:** This products contains 100-200 ppm hexavalent chromium, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

**ZINC -** Overexposure may result in fever, chills, muscular pain or nausea.

### ***SECTION 3 - HAZARDOUS COMPONENT INFORMATION***

CODE		MAX %	CAS NUMBER	OSHA PERMISSIBLE EXPOSURE LIMITS		
				TWA	STEL	CEILING
1	Ammonia	.2	7664-41-7		35 ppm	
5	Amorphous Silica	5	7631-86-9	6 mg/M <sup>3</sup>		
6	Antimony and Compounds	50	various	.5 mg/M <sup>3</sup>		
7	Barium Sulfate	10	7727-43-7	10 mg/M <sup>3</sup>		
8.5	Bismuth Vanadium Tetraoxide (PY 184)	50	14054-33-7			
11	Calcium Carbonate	45	1317-65-3	15 mg/M <sup>3</sup>		
12	Cadmium Compound	55	various	5 µg/M <sup>3</sup> (as Cadmium)		
13	Carbon Black	30	1333-86-4	3.5 mg/M <sup>3</sup>		
13.5	Chrome Antimony Titanium Rutile (PBr 24)	30	68186-90-3			
14	Chromium (III) Oxide Green	50	1308-38-9	.5 mg/M <sup>3</sup>		
18	Cobalt Compound	55	various	.5 mg/M <sup>3</sup>		
19	Copper Compounds	30	various	1 mg/M <sup>3</sup>		

20	Crystalline Silica	3	14464-46-1	.05 mg/M <sup>3</sup>
24	Iron Oxide	50	1309-37-1	10 mg/M <sup>3</sup>
27	Mica		12001-26-2	3 mg/M <sup>3</sup>
28	Nickel Compound	35	various	.1 mg/M <sup>3</sup>
28.5	Nickel Antimony Titanium Yellow Rutile	45	8007-18-9	1 mg/M <sup>3</sup>
28.6	Pigment Blue 27	30	25869-00-5	NE
28.7	Pigment Yellow 129 (Copper Compound)	35	15680-42-9	NE
28.8	Pigment Yellow 42 (Iron Oxide)	35	51274-00-1	10 mg/M <sup>3</sup>
29	Propylene Glycol	10	57-55-6	NE
33	Titanium Dioxide	50	13463-67-7	10 mg/M <sup>3</sup>
34	Zinc Oxide	50	1314-13-2	10 mg/M <sup>3</sup>

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/M<sup>3</sup> = approximate milligrams of substance per cubic meter of air

#### ***SECTION 4 - FIRST AID MEASURES***

**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. SEE DOCTOR if symptoms persist

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

#### ***SECTION 5 - FIRE FIGHTING MEASURES***

**FLASH POINT:** None

**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 FIRE FIGHTING PROCEDURES:** Use self-contained breathing apparatus and full protective clothing.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Decomposition and combustion products may be toxic.

#### ***SECTION 6 – ACCIDENTAL RELEASE MEASURES***

Contain spill. Recover material for use or proper disposal. Clean residue with detergent and wet mopping.

#### ***SECTION 7 - HANDLING AND STORAGE***

For best product stability, avoid freezing and higher than normal ambient temperatures.

***SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION***

**RESPIRATORY PROTECTION:** None applicable

**VENTILATION:** None required under normal use. General dilution ventilation as desired

**PROTECTIVE GLOVES:** None required under normal use

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

**WORK/HYGIENIC PRACTICES:** Use 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 9 - PHYSICAL/CHEMICAL PROPERTIES***

**BOILING POINT:** NA

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** >1.5

**VAPOR DENSITY:** NA

**pH:** NA

**SOLUBILITY IN WATER:** negligible

**APPEARANCE AND ODOR:** Viscous liquid of assorted colors

***SECTION 10 - STABILITY AND REACTIVITY***

**STABILITY:** Stable

**INCOMPATIBILITY:** May react with strong oxidizers

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** None known

***SECTION 11 – TOXICOLOGICAL INFORMATION***

Oral LD50 - rat: >5000 mg/kg

Dermal LD50 - rabbit: >5000 mg/kg

Eye Irritation – rabbit: minimal

Skin Irritation – rabbit: slight

***SECTION 12 – ECOLOGICAL INFORMATION***

Not readily biodegradable. No other data available.

***SECTION 13 – DISPOSAL CONSIDERATIONS***

Allow to dry and dispose of as solid waste.

***SECTION 14 -TRANSPORT INFORMATION***

Not hazardous for shipping via any mode

***SECTION 15 – REGULATORY INFORMATION***

**Consumer Product Labeling:** Products are labeled in compliance with regulations of the EU, USA, and Canada

***SECTION 16 – OTHER INFORMATION***

3/4/2014