

# SAFETY DATA SHEET

## SECTION 1 – COMPANY AND PRODUCT IDENTIFICATION

**Dharma Trading Co.**  
1805 South McDowell  
Blvd. Ext. Petaluma, CA  
94954

**Date Revised:** 04/11/2019  
**Phone:** (607)847-6154  
**Prepared by:** Ben Gavett

### COMPONENTS (See Sec. 3)

#### COLOR LINES

GOLDEN Airbrush Colors

GOLDEN Acrylics

GOLDEN Fluid Acrylics

GOLDEN High Flow Acrylics

GOLDEN High Load Acrylics

GOLDEN Glazes

GOLDEN Matte Acrylics

GOLDEN Matte Fluid

Acrylics GOLDEN OPEN

Acrylics **Individual Colors**

Alizarin Crimson Hue

Anthraquinone Blue

Anthraquinone Red

Aurolein Yellow Hue

Azurite Hue

Benzimidazolone Yellow (Lt. & Med)

Bismuth Vanadate Yellow

Bone Black

Bright Orange

Bright Red Orange

Bright Yellow-Green

Burnt Sienna

Burnt Sienna Hue

Burnt Umber & Burnt Umber Light

Cadmium Red Medium Hue

Cadmium Yellow Medium Hue

Carbon Black

Cerulean Blue, Chromium

Cerulean Blue Deep

Cerulean Blue Hue

Chrome Oxide Green (all)

C.P. Cadmium Orange

C.P. Cadmium Red (all)

C.P. Cadmium Yellow (Dark, Lt., Med.)

C.P. Cadmium Yellow Primrose

Coarse Alumina

Cobalt Blue

1,29

1,29

1,29

1,29

1,5,20,29

1,5,29

1,5,20,29

1,5,20,29

1,5,20,29

1,29

-

-

-

-

24

19,34

-

8.5

13

-

-

-

20,24

-

20,24,25

-

6,28

13

14,18

14,18

3,5,19,33

14

7,9,10

7,9,10

7,9,35

7,9,35

4,33

18

GMS10

Cobalt Blue Hue	19,33
Cobalt Green	14,18
Cobalt Teal	18
Cobalt Titanate Green	6,18,28
Cobalt Turquoise	14,18
Cobalt Violet Hue	34
Deep Violet	-
Diarylde Yellow	-
Dioxazine Purple	-
Fluorescent (all colors)	22
Graphite Gray	23
Green Gold	8,28
Hansa Yellow (Lt., Med. & Opaque)	-
Hookers Green Hue (Airbrush Line)	13,19
Hookers Green Hue (GOLDEN Acrylic Line)	28
Indian Yellow Hue	28
Interference Colors	27,33
Interference Colors (Color Travel)	5,33
Iridescent Black Mica Flake	27
Iridescent Bright Gold	27,28,33
Iridescent Bronze	19,24,27
Iridescent Copper (and Coarse)	24,27,33
Iridescent Copper Lt. (and Coarse)	24,27
Iridescent Gold (and Coarse)	24,27,33
Iridescent Gold Deep	24,27,33
Iridescent Gold Mica Flake (Small & Large)	27
Iridescent Pearl (and Coarse)	27,33
Iridescent Pearl Mica Flake	27
Iridescent Silver	23,27,33
Irid. Stain. Steel (Coarse and Fine)	15,28
Jenkins Green	8,19,28
Light Green (Blue Shade)	33
Light Green (Yellow Shade)	33
Light Magenta	33
Light Turquoise (Phthalo)	19,33
Light Ultramarine Blue	33
Light Violet	33
Manganese Blue Hue	34
Mars Black	24
Mars Yellow	24
Medium Magenta	33
Medium Violet	33
Micaceous Iron Oxide	24
Naphthol Red (Lt. & Med.)	-
Naples Yellow Hue	24,33
Neutral Grays (all)	5,20,24,25,33
Nickel Azo Yellow	26,28
Paynes Gray	13
Perm. Green Lt.	19
Perm. Green Dark	19

Permanent Maroon	-
Permanent Violet Dark	-
Phosphorescent	35
Phthalo Blue GS	19
Phthalo Blue RS	19
Phthalo Green BS	19
Phthalo Green YS	19
Primary Cyan	19,20
Primary Magenta	20
Primary Yellow	20
Prussian Blue Hue	19
Pyrrole Colors (all)	-
Quinacridone Burnt Orange	31
Quinacridone Crimson	31
Quinacridone/Nickel Azo Gold	-
Quinacridone Magenta	-
Quinacridone Red	25
Quinacridone Red Lt.	30
Quinacridone Violet	-
Raw Sienna	20,24
Raw Sienna Hue	-
Raw Umber	20,24,25
Raw Umber Hue	13
Red Oxide	24
Sap Green Hue	13,19,24,28
Sepia	13,24,28
Shading Gray	13
Smalt Hue	13
Teal	3,5,19,33
Terre Verte Hue	14,20
Titan Buff	20,33
Titan Green Pale	3,5,19,33
Titanate Yellow	6,28
Titanium White	3,5,33
Transparent Brown Iron Oxide	13,24
Transparent Red Iron Oxide	24
Transparent Shading Gray	13
Transparent Yellow Iron Oxide	24
Turquoise (Phthalo)	19
Ultramarine Blue	-
Ultramarine Blue Hue	3,5,19,33
Ultramarine Violet	-
Van Dyke Brown Hue	13,24
Vat Orange	-
Violet Oxide	24
Viridian Green Hue	28,34
Yellow Ochre	20,24,
Yellow Oxide	24
Zinc White	34

## GOLDEN GELS, MEDIUMS, GESSOS & GROUNDS

	03001 Self Leveling Clear Gel	1,29
	03010 Soft Gel (Gloss)	1,29
<b>GSG8</b>	03013 Soft Gel (Matte)	1,5,20,29
	03017 Soft Gel (Semi-gloss)	1,5,29
	03020 Regular Gel (Gloss)	1,29
	03030 Regular Gel (Matte)	1,5,20,29
	03040 Regular Gel (Semi-gloss)	1,5,29
	03050 Heavy Gel (Gloss)	1,29
	03060 Heavy Gel (Matte)	1,5,20,29
	03070 Heavy Gel (Semi-gloss)	1,5,29
	03080 Extra Heavy Gel (Gloss)	1,29
	03090 Extra Heavy Gel (Matte)	1,5,20,29
	03100 Extra Heavy Gel (Semi-gloss)	1,5,29
	03110 Extra Heavy/Molding Paste	1,11,29
	03120 High Solid Gel (Gloss)	1,21,29
	03130 High Solid Gel (Matte)	1,5,20,21,29
	03135 OPEN Acrylic Gel Medium	1,29
	03136 OPEN Gel Medium (Matte)	1,5,29
	03195 Fine Pumice Gel	1,5,29
	03200 Coarse Pumice Gel	1,5,29
	03205 Extra Coarse Pumice Gel	1,5,29
	03215 Clear Granular Gel	1,29
	03232 Garnet Gels (Fine)	1,20,29
	03234 Garnet Gels (Coarse)	1,20,29
	03230 Garnet Gels (Extra Coarse)	1,20,29
	03236 Glass Bead Gel	1,21,29
	03240 Fiber Paste	1,29
	03330 Clear Tar Gel	1,29
	03508 Clear Pouring Medium (Thick)	1,29
	03509 Clear Pouring Medium (Thin)	1,29
	03510 Polymer Medium (Gloss)	1,29
	03513 Pouring Medium #3 (Custom)	1,21,29
	03520 Fluid Matte Medium	1,5,29
	03530 Matte Medium	1,5,29
	03531 Super Loaded Matte Medium	1,20,29
	03535 Airbrush Medium	1,29
	03537 Airbrush Transparent Extender	1,29
	03550 Gesso	1,5,11,29
	03551 Sandable Hard Gesso	1,5,11,29,32
	03555 Absorbent Ground (White)	1,20,29
	03556 Absorbent Ground (Canvas)	1,20,29
	03557 Crackle Paste	1,12,29,33
	03558 Silverpoint / Drawing Ground	1,3,29,33
	03560 Black Gesso	1,11,20,29
	03570 Molding Paste	1,11,29
	03571 Hard Molding Paste	1,11,29
	03572 Coarse Molding Paste	1,11,29
	03575 Light Molding Paste	1,29

GACR	03580 Retarder	29
	03595 OPEN Acrylic Thinner	29
	03640 Acrylic Ground for Pastels	1,20,29
	03670 Acrylic Modifier for Plaster	1,29
	03690 Silkscreen Medium	1,29
	03695 Silkscreen Fabric Gel	1,22,29
	03720 Acrylic Glazing Liquid (Gloss)	1,29
	03721 Acrylic Glazing Liquid (Satin)	1,29
	03725 OPEN Acrylic Fluid Medium	1,29
	03726 OPEN Medium (Matte)	1,5,29
	03750 Stop Out Varnish	1,13,29
	03910 GAC-100 Acrylic	1,29
	03920 GAC-200 Acrylic	1,29
	03940 GAC-400 Acrylic	1,22,29
	03950 GAC-500 Acrylic	1,29
	03970 GAC-700 Acrylic	1,29
	03980 GAC-800 Acrylic	1,29
GAC900	03990 GAC-900 Acrylic	1,22,29
	07750 Acrylic Topcoat Ultra Matte	1,5,29
	07770 Porcelain Restoration Glaze (Gloss)	1,29
	07771 Porcelain Restoration Glaze (Matte)	1,5,29
	08510 Liquid Thickener (Long Rheology)	-
	08520 Liquid Thickener (Short Rheology)	-

## **SECTION 2 - HAZARD IDENTIFICATION**

### **PRODUCTS DO NOT MEET OSHA/GHS HAZARD CLASSIFICATION CRITERIA**

#### **HAZARDS NOT OTHERWISE CLASSIFIED:**

**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, which may occur when large volumes of product are used in an area with limited ventilation.

GAC-400 Acrylic and GAC-900 Acrylic contain formaldehyde, which may irritate the respiratory system, or cause allergic reaction in sensitized individuals. See “Additional Hazards” for formaldehyde, below.

**EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** Contact may be slightly irritating to eyes.

**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.

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

**CERULEAN BLUE-** Skin contact may cause allergic sensitization. Ingestion may cause systemic toxicity.

**CRYSTALLINE SILICA-** IARC Group 1 carcinogen based on sufficient evidence of carcinogenicity in humans and experimental animals through inhalation overexposure. **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.

**CHROMIUM-** Long term inhalation exposure to trivalent chromium compounds may cause damage to the lungs and respiratory tract. While Chromium and some of its compounds are considered carcinogenic, both in animals and humans, evidence of Chromium (III) compound carcinogenicity is inconclusive.

**FORMALDEHYDE-** Listed as a suspected human carcinogen by ACGIH, potentially carcinogenic by NIOSH and OSHA, and a known human carcinogen by NTP. **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.

**MICA-** Can cause slight lung fibrosis and pneumoconiosis.

**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.

### SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

CODE		Max %	CAS NUMBER	OSHA PERMISSIBLE EXPOSURE LIMITS		
				TWA	STEL	CEILING
1	Ammonium Hydroxide (26%)	.2	1336-21-6		35 ppm	
2	Alumina	1	1344-28-1	10 mg/M <sup>3</sup>		
3	Aluminum Hydroxide	5	21645-51-2	NE		
4	Aluminum Oxide	20	1344-28-1	10 mg/M <sup>3</sup>		
5	Amorphous Silica	10	7631-86-9	6 mg/M <sup>3</sup>		
6	Antimony and Compounds	10	7440-36-0	.5 mg/M <sup>3</sup>		
7	Barium Sulfate	10	7727-43-7	10 mg/M <sup>3</sup>		
8	Barium, Soluble Compounds	5	7440-39-3	.5 mg/M <sup>3</sup>		
8.5	Bismuth Vanadium Oxide	22	14059-33-7	15 mg/M <sup>3</sup>		
9	Cadmium Sulfide	20	1306-23-6	5 µg/M <sup>3</sup> (as Cadmium)		
10	Cadmium Selenide	20	1306-24-7	5 µg/M <sup>3</sup> (as Cadmium)		
11	Calcium Carbonate	25	1317-65-3	15 mg/M <sup>3</sup>		
12	Calcium Silicate	5	13983-17-0	NE		
13	Carbon Black	25	1333-86-4	3.5 mg/M <sup>3</sup>		
14	Chromium (III) Compounds	20	vary	.5 mg/M <sup>3</sup>		
15	Chromium Metal	10	7440-47-3	1 mg/M <sup>3</sup>		
16	CI PY 35 (Cadmium Pigment)	25	8048-07-5	5 µg/M <sup>3</sup> (as Cadmium)		
17	CI PR 108 (Cadmium Pigment)	25	58339-34-7	5 µg/M <sup>3</sup> (as Cadmium)		
18	Cobalt Compounds	20	vary			
19	Copper	5	7440-50-8	1 mg/M <sup>3</sup>		
20	Crystalline Silica	5	14464-46-1	.05 mg/M <sup>3</sup>		
21	Dipropylene Glycol- Monobutyl Ether	5	29911-28-2	NE		
22	Formaldehyde	.05	50-00-0	.75 ppm	2 ppm	
23	Graphite(natural)	20	7782-42-5	2.5 mg/M <sup>3</sup>		
24	Iron Oxide	25	1309-37-1	10 mg/M <sup>3</sup>		
25	Manganese compounds	5	7439-96-5	NE	5 mg/M <sup>3</sup>	
27	Mica	15	12001-26-2	3 mg/M <sup>3</sup>		
28	Nickel Compounds	15	vary	.1 mg/M <sup>3</sup>		
29	Propylene Glycol	70	57-55-6	NE		
30	Quaternary Ammonium Salt	5	112-02-7	NE		
31	Quinacridonequinone	5	1503-48-6	NE		
32	Talc	10	14807-96-6	2 mg/M <sup>3</sup>		
33	Titanium Dioxide	30	13463-67-7	10 mg/M <sup>3</sup>		
34	Zinc Oxide	20	1314-13-2	10 mg/M <sup>3</sup>		
35	Zinc Sulfide, Cu Chloride Doped	30	68611-70-1	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/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 aqueous 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 required under normal use. When sanding or spraying, use a NIOSH P100 dust and mist respirator. If conditions warrant, a vapor respirator for protection against ammonia may be used.

**VENTILATION:** General dilution ventilation is recommended at a level sufficient to keep individuals asymptomatic to inhalation exposure.

**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 9 - PHYSICAL/CHEMICAL PROPERTIES***



**BOILING POINT:** >100°C/212°F

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.0-2.0

**VAPOR DENSITY:** Heavier than air

**pH:** 8.5-9.2

**SOLUBILITY IN WATER:** Miscible

**APPEARANCE AND ODOR:** Milky white or colored- slight ammonia 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.

### ***SECTION 11 – TOXICOLOGICAL INFORMATION***

Product not tested. Classification based on ingredient information

### ***SECTION 12 – ECOLOGICAL INFORMATION***

Not readily biodegradable. No other data available.

### ***SECTION 13 – DISPOSAL CONSIDERATIONS***

Dispose as per local regulations. It is best to use all material, rather than dispose of it. If necessary, dispose of as latex paint. Cadmium pigmented paints should be handled as hazardous wastes.

### ***SECTION 14 -TRANSPORT INFORMATION***

Not hazardous for shipping via any mode.

NOT REGULATED FOR TRANSPORT BY IATA, IMDG OR DOT.

### ***SECTION 15 – REGULATORY INFORMATION***

Contact us for further information.

### ***SECTION 16 – OTHER INFORMATION***

4/5/2013: Added High Flow Colors

3/13/2015: Deleted Prop 65 Warning for Zinc White

4/26/2016: Corrected Phosphorescent pigment CAS

11/22/2016: Section 14