# M. Graham Co<sup>®</sup> Artist Gouache

Non-Hazardous Colors

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#### 1. Identification of the Preparation and of The Company

Product Name and/or code: M. Graham Co® Artist Gouache

Effective Date:31-Aug-20Update Date:25-Nov-24Manufacturer:M Graham & Co

PO Box 404

Hubbard OR 97032

Information Contact: 503-656-6761

Emergency Contact: Poison Control Center 800-822-1222

Product Use: ART MATERIAL - CONSUMER PRODUCT. Artist professional

products, pigment dispersions and mediums. For application with brush to a substrate. Not intended for spray application, sanding, or other operations which generate dust or airborne

concentrations.

#### 2. Hazards Identification

# Emergency Overview Non-Hazardous

Classification of the Product:

Label Elements Conforms to ASTM D-4236

Hazard Pictograms No pictograms are required for the mixture.

Signal Word No signal word is required.

Hazard Statement This product is non-hazardous, thus no specific hazard warning is

required.

Precaution Statement: Do not ingest. Do not spray apply. Do not sand dry film. Wash

thoroughly after handling.

Children's Statement KEEP OUT OF THE REACH OF CHILDREN.

NFPA Health: 0

Flammability: 0 Reactivity: 0 Health: 0

HMIS Health: 0

Flammability: 0 Physical Hazard: 0

Regulation (EC) No. 1272/2008 (CLP)

Not classified as dangerous for supply/use.

#### 3. Composition/Information on Ingredients:

**Substances:** 

Mixture of the following chemicals: Proprietary Ingredients (Mixture ) < 98%

Proprietary Pigment (Mixture) < 25%

Proprietary ingredients (Mixture) present at less than 98% are non-hazardous, thus no classification is required.

#### 4. First Aid Measures

Inhalation If affected, remove to fresh air.

Skin Contact Wash the affected area thoroughly with plenty of soap and

water.

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Eye Contact Carefully flush with water for 15 minutes. If irritation occurs,

contact a physician.

Ingestion Do not induce vomiting. Contact a physician immediately.

5.	Firefighting Measures					
Extinguishing Media	Water, foam, carbon dioxide or dry chemical equipment.					
Fire/Explosion Hazards	This product is not known to present any fire hazard.					
Flashpoint/Flammability	Not flammable					
6. Accidental Release Measures						
Methods and Materials for Containment and	Contain spill. Recover as much as possible. Absorb remainder					
Cleaning up	with an inert material. Place into closed container and store in a					
	safe location to await disposal. Wash the spill area with soap and					
	water.					
7. Handling and Storage						
Safe Handling	Use under ventilated conditions. Avoid eye and skin contact. For					
	personal protection, we recommend that employees wash					
	thoroughly after handling product. Always wash before eating,					
	smoking or using toilet facilities. Keep container closed when not					
	in use. Keep container upright to prevent leakage.					
Environmental precautions	No product should be released to the environment. Keep					
	container closed when not in use. Keep container upright to					
	prevent leakage.					
Storage	Store between 50-100 deg. F., ideally 70 deg. F.					
8. Exposure	e Controls/Personal Protection					
Personal Protective Equipment	Wear goggles where spills or splashing may occur. Wear water					
	resistant impervious gloves if handling bulk amounts.					
Exposure Limits	None known for this mixture.					
Respiratory and Ventilation	Wear approved NIOSH/MSHA respirator if exposure to mist or					
	vapor exceed applicable PEL/TLV limits. Use in accordance with					
	manufacturer's use limitations and OSHA STANDARD 1910-34.					
	Local ventilation may be used to prevent routine inhalation.					
Skin Protection	Wear water resistant impervious gloves if handling bulk					
	amounts.					
Eye Protection	Wear goggles where spills or splashing may occur.					
9. Physi	cal and Chemical Properties					

# Appearance Paste

Physical State Thick liquid
Color Various
Odor Not determined
Odor Threshold Not determined
Boiling Point Not determined
Freezing Point Not determined

#### M. Graham Co® Artist Gouache

#### Non-Hazardous Colors

State (pH) Not determined Specific Gravity Not determined

Viscosity Paste

Flashpoint Not flammable
Vapor Pressure Not applicable
Vapor Density Not applicable
Solubility in water Miscible

#### 10. Stability and Reactivity

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical Stability Stable under recommended storage conditions.

Conditions to Avoid None known. Incompatible materials None known.

Hazardous Decomposition Products No dangerous decomposition products known. Decomposition

products depend on conditions.

#### 11. Toxicological Information

Studies have not been performed on this particular mixture (all colors).

When used and handled according to specifications, the product does not have any harmful effects.

Health Effects None known for the usual and ordinary uses of this product.

Acute Toxicity

Eye Effects

None known for this mixture.

Additional toxicological information: When used and handled according to specifications, the product

does not have any harmful effects according to past experience

and the information provided.

NTPNot applicable to mixtureIARCNot applicable to mixtureACGIHNot applicable to mixtureOSHANot applicable to mixture

#### 12. Ecological Information

Toxicity: Not expected to be harmful to the environment. No product

should be released to the environment. It is not expected to have significant environmental effects. No significant effects on

aquatic organisms are expected.

Aquatic toxicity

Persistence and degradability

Bioaccumulate potential

Mobility in soil

PBT and vPvB

No information available.

No information available.

No information available.

This mixture is not PBT/vPvB

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Additional ecological information

As a general rule, no product should be released to the environment. The product should not be allowed to enter drains, water courses, or be deposited where it can affect ground or surface water.

#### 13. Disposal Considerations

Dispose of all waste material in accordance with all applicable federal, state and local regulations for the disposal of aqueous polymer waste.

#### 14. Transport Information

This product is not hazardous for shipping via any mode.

DOT This regulation does not apply to the non-bulk material. **IMDG** This regulation does not apply to the non-bulk material. ICAO/IATA This regulation does not apply to the non-bulk material.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the materials.

#### 15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture.

SARA Not applicable to this mixture.

Section 355 (extremely hazardous substances) Not applicable to this mixture.

Section 313 (specific toxic chemical listing) Not applicable to this mixture.

TSCA (Toxic Substance Control Act) All ingredients are listed.

California Proposition 65 As of November 25, 2024 these products contains no listed

substances known to the State of California to cause cancer, birth defects or other reproductive harm, at concentrations

which would require a warning under the statute.

Only the products listed below contain chemicals listed under California Proposition 65. The statement above applies to the remaining products. Please refer to the product list on section 16.

Product No.: 018, 100, 105, 108, 120, 130,

150, 174, 180, 205

MARNING: This product can expose you to chemicals including trace heavy metals, hexachlorobenzene,

polychlorinated biphenyls which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Carcinogenicity categories

EPA (Environmental Protection Agency)

TLV (Threshold Limit Value established by

ACGIH)

NIOSH (National Institute for Occupational

Safety & Health)

Not applicable to this mixture. Not applicable to this mixture.

Not applicable to this mixture.

Not applicable to this mixture.

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OSHA (Occupational Safety & Health

Not applicable to this mixture.

Administration)

Product No. & Color Description  P36-010 Alizarin Crimson P36-018 Azo Yellow P36-020 Burnt Sienna P36-030 Burnt Umber P36-100 Dioxazine Purple P36-105 Gamboge P36-107 Hansa Yellow P36-108 Hookers Green P36-110 Ivory Black P36-110 Ivory Black P36-120 Naphthol Red P36-128 Paynes Gray P36-130 Permanent Green Light P36-130 Phthalocyanine Blue P36-150 Phthalocyanine Green P36-151 Prussian Blue P36-152 Variaridone Red P36-154 Quinacridone Red P36-155 Quinacridone Rose P36-156 Quinacridone Rose P36-1570 Raw Umber P36-170 Raw Umber P36-170 Ray Umber P36-170 Say Green P36-174 Sap Green P36-180 Titanium White P36-190 Ultramarine Blue		16. Other Information			
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P36-160 Raw Sienna P36-170 Raw Umber P36-174 Sap Green P36-180 Titanium White P36-190 Ultramarine Blue		P36-156 Quinacridone Rose			
P36-170 Raw Umber P36-174 Sap Green P36-180 Titanium White P36-190 Ultramarine Blue		P36-158 Quinacridone Violet			
P36-174 Sap Green P36-180 Titanium White P36-190 Ultramarine Blue		P36-160 Raw Sienna			
P36-180 Titanium White P36-190 Ultramarine Blue		P36-170 Raw Umber			
P36-190 Ultramarine Blue		P36-174 Sap Green			
		P36-180 Titanium White			
P36-200 Yellow Ochre		P36-190 Ultramarine Blue			
		P36-200 Yellow Ochre			
P36-205 Zinc White		P36-205 Zinc White			

Reason for Issue:

Prepared by:

Renewal of LHAMA certification

ENVIRONMENTAL MEDICINE

778 Carver Avenue WESTWOOD, NJ 07675 jaegerr@envmed.com

201-666-7929 x13

# M. Graham Co<sup>®</sup> Artist Gouache Non-Hazardous Colors

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The information contained in this Safety Data Sheet was compiled using the latest and most reliable information available to the preparer from the manufacturer. The information is provided without any warranty, express or implied regarding its correctness or accuracy nor will the manufacturer assume any liability for any loss or damage arising out of the use of this information including without limitation direct or indirect losses or expenses. To the extent permitted by law, no warranty expressed or implied regarding the product described herein shall be created by or inferred from any state or omission for this SDS. It is solely the responsibility of the user to determine safe conditions for use of this product and to assume liability for any loss, damage or expense whatsoever arising out of the product's improper use.

#### Abbreviations and acronyms:

## NFPA (SCALE 0-4) National Fire Protection

Association (USA)

Health: 0 No unusual hazard.

Fire: 0 No combustible.

Reactivity: 0 Not reactive when mixed with water.

HMIS ( SCALE 0-4) Hazardous Materials

Identification System (USA)
Health: 0

Physical Hazard: 0

Fire: 0

Minimal Hazard. No significant risk to health. Minimal Hazard. Materials that will not burn.

**Minimal Hazard.** Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-explosives.

#### **Exposure Limits**

TWA - Time Weighted Average (8 hr.) STEL - Short Time Exposure Limit (15 min.)

REL - Recommended Exposure Limit
PEL - Permissible Exposure Limit
IDLH - Immediately Dangerous to Life or
Health

#### M. Graham Co® Artist Gouache

Colors Containing Hazardous Compounds

#### 1. Identification of the Preparation and of The Company

Product Name and/or code: M. Graham Co® Artist Gouache

Effective Date: 31-Aug-20
Update Date 25-Nov-24
Manufacturer: M Graham & Co
PO Box 404

Hubbard OR 97032

Information Contact: 503-656-6761

Emergency Contact: Poison Control Center 800-822-1222

Product Use: ART MATERIAL - CONSUMER PRODUCT. Artist professional products,

pigment dispersions and mediums. For application with brush to a substrate. Not intended for spray application, sanding, or other operations which generate dust or airborne concentrations.

#### 2. Hazards Identification

**Emergency Overview** 

Warning! Harmful if swallowed. Harmful or fatal if ingested.

Classification of the Product:

Label Elements Conforms to ASTM D-4236

**Hazard Pictograms** 



GHS08





GHS07

GHS09

Signal Word WARNING!

Hazard Statement Colors containing Cadmium and Cadmium compounds (Pigment

mixture): Cancer hazard. Dried film of this paint may be harmful if

eaten or chewed. Harmful if swallowed.

Colors containing Cobalt and Cobalt compounds (Pigment mixture): Cancer hazard. Dried film of this paint maybe harmful if eaten or

chewed. Harmful if ingested.

Colors containing Chromium and Chromium compounds (Pigment

mixture): Cancer hazard.

Precaution Statement: Do not ingest. Do not expose to direct flame. Handle with care. Avoid

eye and skin contact. Wash thoroughly after handling. Do not eat or smoke while using this product. Wear gloves. Use with adequate

ventilation.

Children's Statement KEEP OUT OF THE REACH OF CHILDREN.

NFPA Health: 3 - Cadmium. 2 - Cobalt, Chromium.

Flammability: 0 Reactivity: 0 Health: 2 Flammability: 0

Physical Hazard: 0

Regulation (EC) No. 1272/2008 (CLP)

**HMIS** 

Studies have not been performed on this particular mixture. The information below is based on data on the individual hazardous ingredient.

#### M. Graham Co® Artist Gouache

#### Colors Containing Hazardous Compounds

**Cadmium Compounds:** May cause cancer (H330); Causes damage to organs through prolonged or repeated exposure (H372); Suspected of causing genetic effects (H341); Suspected of damaging fertility or the unborn child (H361); May cause respiratory irritation (H335); Toxic if swallowed (H301); Very toxic to aquatic life with long lasting effects (H410).

**Cobalt Compounds:** May cause cancer by inhalation (H350); May cause an allergic reaction (H317); May cause an allergic or asthma systems or breathing difficulties if inhaled (H334); May cause long lasting harmful effects to aquatic life (H413).

**Chromium Compounds:** May cause cancer by inhalation (H350); May cause an allergic reaction (H317); Very toxic to aquatic life with long lasting effects (H410).

Obtain special instructions before use. (P201)

Cleaning up

Avoid breathing dust/fume/gas/mist/vapors/spray. (P201)

3.Co	omposition/Information on Ingredients:	
Substances:		
Mixture of the following chemicals:	Proprietary Ingredients (Mixture ) < 98%	
	Proprietary Pigment (Mixture) < 25%	
	Proprietary Cobalt Pigment (Mixture) < 25%	
	Proprietary Cadmium Pigment (Mixture) < 17 %	
	Proprietary Chromium Pigment (Mixture) <11%	
	4. First Aid Measures	
Inhalation	If affected, remove to fresh air. If symptoms persists, contact a	
	physician. May cause an allergic or asthma symptoms or breathing	
	difficulties if inhaled, if symptoms persist, contact a physician.	
Skin Contact	Wash the affected area thoroughly with plenty of soap and water.	
	May cause an allergic reaction, if symptoms persist, contact a	
	physician.	
Eye Contact	Carefully flush with water for 15 minutes, lifting the upper and lower	
	lids until no evidence of product remains. If irritation occurs, contact a	
	physician.	
Ingestion	Do not induce vomiting. Contact a physician immediately. Rinse mouth	
	with water. Ingested cadmium may lead to spontaneous vomiting.	
	5. Firefighting Measures	
Extinguishing Media	Water, foam, carbon dioxide or dry chemical equipment.	
Fire/Explosion Hazards	This product is not known to present any fire hazard.	
•		
Flashpoint/Flammability	This product is not known to be flammable.	
	<b>6. Accidental Release Measures</b> and Contain spill. Recover as much as possible. Absorb remainder with an	

inert material. Place into closed container and store in a safe location

to await disposal. Wash the spill area with soap and water.

#### M. Graham Co® Artist Gouache

Colors Containing Hazardous Compounds

#### 7. Handling and Storage

Safe Handling Use under ventilated conditions. Avoid eye and skin contact. For

personal protection, we recommend that employees wash thoroughly after handling product. Always wash before eating, smoking or using

toilet facilities. Keep container closed when not in use. **Keep** 

container upright to prevent leakage.

Environmental precautions No product should be released to the environment. Keep container

closed when not in use. Keep container upright to prevent leakage.

Storage Keep the product in a cool dry ventilated area. Keep away from fire

and heating sources. Store between 50-100 deg F., ideally 70 deg. F.

#### 8. Exposure Controls/Personal Protection

Personal Protective Equipment Wear goggles where spills or splashing may occur. Wear water

resistant impervious gloves if handling bulk amounts.

**Exposure Limits** 

	OSHA PEL	NIOSH REL	ACGHI TLV	
Substance	8 hr TWA	Up to 10-hour TWA	8-hour TWA	
	(ST) STEL (c)Ceiling			
Cadmium Dust	0.2 mg/m <sup>3</sup> ; 0.6 mg/m <sup>3</sup> (Acceptable Ceiling)	*IDHL : None established; NIOSH	Refer to	
Cadmium Fume	0.1 mg/m <sup>3</sup> ; 0.3 mg/m <sup>3</sup> (Acceptable Ceiling)	considers cadmium compounds to be potential occupational	Cadmium	
Cadmium compounds	0.005 mg/m <sup>3</sup>	carcinogens as defined by the OSHA carcinogen policy [29 CFR 1990].	0.01mg/m <sup>3</sup> (total	
			0.002 mg/m <sup>3</sup> (resp)	
Cobalt Metal Dust and Fume	0.02 mg/m <sup>3</sup>	0.05 mg/m <sup>3</sup>	0.02 mg/m <sup>3</sup> (IHL)	
Chromium (III)	0.5 mg/m <sup>3</sup>	0.5 mg/m <sup>3</sup>		
Chromium (VI)	0.005 mg/m <sup>3</sup> (C) 0.1 mg/m <sup>3</sup>	Ca 0.00002 mg/m <sup>3</sup> ( 8-hr-TWA)	Ca 0.00002 mg/m³(IHL) (ST) 0.00002 mg/m3 (IHL), water soluble (includes chromic acid and chromates)	
Chromium	0.5 mg/m <sup>3</sup>	0.5 mg/m <sup>3</sup>	0.5 mg/m <sup>3</sup>	

Respiratory and Ventilation Wear approved NIOSH/MSHA respirator if exposure to mist or vapor

exceed applicable PEL/TLV limits. Use in accordance with

manufacturer's use limitations and OSHA STANDARD 1910-34. Local

ventilation may be used to prevent routine inhalation.

Skin Protection Wear water resistant impervious gloves if handling bulk amounts.

Eye Protection Wear goggles where spills or splashing may occur.

#### 9. Physical and Chemical Properties

Appearance Paste
Physical State Thick liquid
Color Various

#### M. Graham Co® Artist Gouache

#### Colors Containing Hazardous Compounds

Odor Not determined
Odor Threshold Not determined
Boiling Point Not determined
Freezing Point Not determined
State (pH) Not determined
Specific Gravity Not determined

Viscosity Paste

Flashpoint Not flammable
Vapor Pressure Not applicable
Vapor Density Not applicable
Solubility in water Miscible

#### 10. Stability and Reactivity

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical Stability Stable under recommended storage conditions.

Avoid high temperatures.

Incompatible materials Strong oxidizing agents; acids.

Hazardous Decomposition Products May give off toxic fumes is case of fire, including lead fumes.

Decomposition products depend on conditions.

#### 11. Toxicological Information

Analytical Studies have not been performed on this particular mixture (all colors). The information below is based on data and toxicological review on the individual hazardous ingredients, proprietary ingredients and mode of application.

When used and handled according to specifications, the product does not have any harmful effects.

Health Effects Dried film of this paint may be harmful if eaten or chewed.

Acute Toxicity - The toxicity values listed below are based on published literature values for the pure components.

Acute Toxicity None known for this mixture.

Cadmium - Oral: LD50 (Rat): 225 mg/kg LD50 (Mouse): 890 mg/kg

Cadmium - Dermal: Not Available

Cadmium - Inhalation: LC50 (Rat): 25 mg/kg - 30 mins

Cobalt - Oral: LD50 (Rat): 6,170 mg/kg

Cobalt - Dermal: Not Available

Cobalt - Inhalation: LC50 (Rat): 10 mg/kg - 1 hour

Chromium VI - Oral: LD50 (Rat): 80 mg/kg LD50 (Mouse): 127 mg/kg

Chromium - Dermal: Not Available
Chromium - Inhalation: Not Available

Eye Effects This product is not considered as being an eye irritant. Direct contact

with eye may cause mild eye irritation. This product is not a primary

skin irritant.

Pigment mixture compounds: May cause irritation or redness.

Skin Effects Direct contact with skin may result in little or no irritation. Prolonged

contact with skin may cause an allergic reaction. This product is not a

primary skin irritant.

#### M. Graham Co® Artist Gouache

#### Colors Containing Hazardous Compounds

Pigment mixture compounds: Prolonged contact may cause irritation

or redness.

Inhalation May cause mild respiratory irritation at higher temperatures.

Pigment mixture compounds: Overexposure or prolonged exposure

may be harmful.

Sensitization Not likely to occur.

Ingestion Harmful if swallowed. May cause irritation of mouth, throat, and

stomach. May result in nausea and vomiting.

Chronic Effects When used and handled according to specifications, the product

does not have any harmful effects. None known or reported by the

manufacturer.

**Cadmium compounds** 

NTP Known to be human carcinogen

IARC Group 1: Carcinogenic to humans

ACGIH A2: Suspected human carcinogen

<u>OSHA</u> Listed

**Cobalt compounds** 

NTP Reasonably anticipated to be a human carcinogen

IARC Group 2B: Possible carcinogenic to humans

ACGIH A3: Confirmed animal carcinogen

<u>OSHA</u> Listed

**Chromium compounds** 

NTP Known to be human carcinogen (Cr III & VI)

IARC Group 1: Carcinogenic to humans (Cr III & VI)

ACGIH 1A: Carcinogenic to humans (Cr VI)

OSHA Not information available

#### 12. Ecological Information

Toxicity: Not expected to be harmful to the environment. No product should be

released to the environment. It is not expected to have significant environmental effects. No significant effects on aquatic organisms are

expected.

Aquatic toxicity No information available for this mixture.

Persistence and degradability

No information available for this mixture.

Very Persistent and Very Bioaccumulate

(vPvB)

No information available for this mixture.

Additional ecological information As a general rule, no product should be released to the environment.

The product should not be allowed to enter drains, water courses, or

be deposited where it can affect ground or surface water.

When used and handled according to specifications, the product does not have any harmful effects according to past experience and the information provided.

#### M. Graham Co® Artist Gouache

Colors Containing Hazardous Compounds

#### 13. Disposal Considerations

Dispose of all waste material in accordance with all applicable federal, state and local regulations for the disposal of aqueous polymer waste. Outside North America, all relevant national and local legislation must be complied with.

#### 14. Transport Information

#### **Art Material - CONSUMER PRODUCT**

Based on the generic category of some of the components listed in section 3, a hazardous categorization could be applied to this mixture. However, per the information supplied by the manufacturer, the component pigment mixtures used in these paints are not classifiable as dangerous goods under transport regulations.

DOT This regulation does not apply to the non-bulk material. **IMDG** This regulation does not apply to the non-bulk material. ICAO/IATA This regulation does not apply to the non-bulk material.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the materials.

#### 15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture.

SARA Not applicable to this mixture. Not applicable to this mixture.

Section 355 (extremely hazardous

substances)

Section 313 (specific toxic chemical listing)

Not applicable to this mixture.

TSCA (Toxic Substance Control Act)

California Proposition 65

All ingredients are listed.

**WARNING:** This product can expose you to chemicals including cadmium, cadmium compounds, cobalt, cobalt compounds, chromium, chromium compounds and traces of lead, which are known to the State of California to cause cancer, and which are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Carcinogenicity categories Refer to section 11.

EPA (Environmental Protection Agency) Not applicable to this mixture.

TLV (Threshold Limit Value established by

ACGIH)

NIOSH (National Institute for Occupational

Safety & Health)

OSHA (Occupational Safety & Health

Not applicable to this mixture. Refer to section 8 for further

information on individual substances of this mixture.

Not applicable to this mixture.

Not applicable to this mixture.

Administration)

#### 16. Other Information

#### **Product List**

#### **Product No. & Color Description**

P36-038 Cadmium Orange P36-040 Cadmium Red P36-050 Cadmium Red Light

#### M. Graham Co® Artist Gouache

#### Colors Containing Hazardous Compounds

P36-060 Cadmium Yellow P36-070 Cadmium Yellow Light P36-080 Cerulean Blue P36-090 Cobalt Blue

P36-195 Viridian Green

Reason for Issue: Renewal of LHAMA certification Prepared by: ENVIRONMENTAL MEDICINE

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#### Abbreviations and acronyms:

### NFPA (SCALE 0-4) National Fire Protection

#### Association (USA)

Health: 3 Warning - Corrosive or toxic. Avoid skin contact or inhalation.

Health: 2 Warning - May be harmful if inhaled or absorbed.

Fire: 0 No combustible.

Reactivity: 0 Not reactive when mixed with water.

## HMIS ( SCALE 0-4) Hazardous Materials

#### **Identification System (USA)**

Health: 2

Fire: 0 Physical Hazard: 0 Moderate Hazard. Temporary or minor injury may occur.

**Slight Hazard.** Materials that will not burn.

**Minimal Hazard.** Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose,

condense, or self-react. Non-explosives.

#### **Exposure Limits**

TWA - Time Weighted Average (8 hr.) STEL - Short Time Exposure Limit (15 min.)

REL - Recommended Exposure Limit
PEL - Permissible Exposure Limit

IDLH - Immediately Dangerous to Life or

Health