

M. Graham &amp; Co. Safety Data Sheet

Acrylic Color

**M. Graham & Co.**

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Date Revised: 1/1/13  
Emergency Telephone:  
Contact Local Poison Control Center

**SECTION 1---PRODUCT IDENTIFICATION****A consumer product.**

Artists' Professional Acrylic Products; pigment dispersions and acrylic mediums. For application with brush to a substrate. Not intended for spray application, sanding or other operations which generate dust or airborne concentrations. Not intended for use by children.

**M. GRAHAM & CO. ACRYLIC COLOR**Colors

Alizarin Crimson, Anthraquinone Blue, Anthraquinone Red, Azo Green, Azo Yellow, Burnt Sienna, Burnt Umber, Cadmium Orange, Cadmium Red, Cadmium Red Deep, Cadmium Red Light, Cadmium Yellow, Cadmium Yellow Deep, Cadmium Yellow Light, Cobalt Blue, Cerulean Blue, Dioxazine Purple, Hansa Yellow, Hookers Green, Indian Yellow, Ivory Black, Lamp Black, Manganese Blue Hue, Mars Black, Naphthol Red, Naples Yellow, Olive Green, Paynes Gray, Permanent Green Light, Phthalocyanine Blue, Phthalocyanine Green, Prussian Blue (Hue), Pyroll Red, Quinacridone Red, Quinacridone Rose, Quinacridone Violet, Raw Sienna, Raw Umber, Sap Green, Terra Rosa, Titanium White, Transparent Orange Iron Oxide, Transparent Red Iron Oxide, Transparent Yellow Iron Oxide, Turquoise, Ultramarine Blue, Ultramarine Violet, Viridian, Yellow Ochre, Zinc White

Mediums

Gloss Medium  
Matte Medium

**SECTION 2---HEALTH HAZARD DATA**

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** None expected under normal use.

**EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** Prolonged or repeated contact may be 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 or pain to gastrointestinal system.

**CARCINOGENICITY:** Certain components of some pigments may be linked to carcinogenic response in animal tests or epidemiological data. See details below.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** None known.

**ADDITIONAL INFORMATION OR HAZARDS ASSOCIATED WITH SPECIFIED PIGMENTS, VEHICLES OR THEIR COMPONENTS:**

**CADMIUM-** Cadmium Compounds are classified by IARC, NTP and OSHA as probably carcinogenic in humans through inhalation. OSHA also classifies such compounds as causing lung and kidney disease. Pigmentary cadmium compounds have been shown to be significantly less biologically available and active than other compounds. Adverse effects of this mixture as an artists' color have not been demonstrated. This material should not be applied by spray due to potential for harmful effects in the lungs if inhaled. **WARNING:** This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. Do not spray apply. Keep out of the reach of children. Applies to: Cadmium Orange, Cadmium Red, Cadmium Red Deep, Cadmium Red Light, Cadmium Yellow, Cadmium Yellow Deep, Cadmium Yellow Light.

**COBALT-** Individuals hypersensitive to Cobalt may develop asthma, bronchitis, or shortness of breath. May cause skin sensitization. Cobalt compounds, when used as anti-foams, have caused cardiac damage when ingested with large quantities of fluids. IARC lists cobalt and cobalt compounds as possible human carcinogens and notes inadequate evidence of carcinogenicity in humans based upon animal studies. The cobalt compound in this product has not been specifically identified as a possible carcinogen. **WARNING:** This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. Keep out of the reach of children. Applies to: Cobalt Blue, Cerulean Blue.

**CHROMIUM-** Chromium and some of its compounds are considered carcinogenic, both in animals and humans. Evidence of CHROMIUM (III) compounds carcinogenicity, in pigment form is inconclusive. May cause delayed effects involving the respiratory system. Eye and skin irritant. Applies to; Cerulean Blue, Raw Umber

**MANGANESE-** Overexposure may affect the Central Nervous System and lungs, resulting intransitory psychosis, tiredness, weakness and pneumonitis. May aggravate preexistingneurological conditions. Applies to; Burn Umber, Raw Umber

**QUINACRIDONES-** May cause dermatitis. Eye and skin irritant. Applies to; Quinacridone Red, Quinacridone Rose, Quinacridone Violet.

**PHthalOCYANINES-** May cause dermatitis. Eye and skin irritant. Applies to; Manganese Blue Hue, Olive Green, Phthalocyanine Blue, Phthalcyanine Green, Sap Green, Turquoise.

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Item Numbers: 01601-1004, 01601-1007, 01601-1009, 01601-1020, 01601-1104, 01601-1107, 01601-1109, 01601-1130, 01601-1204, 01601-1207, 01601-1209, 01601-2020, 01601-2040, 01601-2044, 01601-2047, 01601-2250, 01601-2560, 01601-3060, 01601-3064, 01601-3090, 01601-3094, 01601-3200, 01601-3270, 01601-3330, 01601-3334, 01601-3600, 01601-3604, 01601-3740, 01601-3760, 01601-3770, 01601-3790, 01601-3794, 01601-4040, 01601-4044, 01601-4120, 01601-4130, 01601-4134, 01601-4140, 01601-4160, 01601-4200, 01601-4204, 01601-4450, 01601-4454, 01601-4530, 01601-4700, 01601-4910, 01601-4920, 01601-4960, 01601-5110, 01601-5160, 01601-5164, 01601-5180, 01601-5184, 01601-5220, 01601-5230, 01601-5234, 01601-5810, 01601-5900, 01601-5904, 01601-5910, 01601-6020, 01601-6024, 01601-6510, 01601-6730, 01601-7060, 01601-7064, 01601-7070, 01601-7120, 01601-7310, 01601-7390, 01601-7450, 01601-7930, 01601-8040, 01601-8044, 01601-8050, 01601-8054, 01601-8060, 01601-8064, 01601-8070, 01601-8074

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ZINC- Overexposure may result in fever, chills, muscular pain or nausea. Applies to; Zinc White**SECTION 3---COMPOSITION/INFORMATION ON INGREDIENTS.**

Formulations of pigments and acrylic resins with water and proprietary ingredients.

**SECTION 4---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: SEE DOCTOR if there are symptoms of exposure.

INGESTION: SEE DOCTOR if there are symptoms of exposure.

**SECTION 5---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: Foam, carbon dioxide, dry chemical, water fog

SPECIAL FIRE FIGHTING PROCEDURES: Use water to cool containers exposed to heat. Self contained breathing apparatus &amp; full protective clothing for enclosed areas.

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

**SECTION 6---ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dike and contain with inert material. Transfer material to containers for recovery or disposal.

WASTE DISPOSAL METHOD: Dispose as per local, state or Federal regulations.

PRECAUTIONS IN HANDLING AND STORING: Avoid inhalation and skin contact. Avoid freezing-product may coagulate.

OTHER PRECAUTIONS: None.

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

Store at room temperature. Do not contaminate food products. Wash hands after use. Avoid eye contact. Keep out of reach of children and pets.

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

RESPIRATORY PROTECTION: None required under normal use.

VENTILATION: None required under normal handling.

PROTECTIVE GLOVES: None required under normal use.

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

WORK/HYGIENIC PRACTICES: All M. Graham 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 and wash after use. Keep materials out of reach of children.

**SECTION 9---PHYSICAL/CHEMICAL PROPERTIES**

BOILING POINT: &gt;212°F/100°C

SPECIFIC GRAVITY (H2O=1): 1.1-2.0

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than ether.

SOLUBILITY IN WATER: Dilutable.

APPEARANCE AND ODOR: Colored paste, slight ammonia odor. Milky, liquid, slight ammonia odor.

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

STABILITY: Stable.

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY: None known.

HAZARDOUS DECOMPOSITION: Usual products of combustion (for dry films only): carbon dioxide, carbon monoxide, monomer fumes, and oxides of nitrogen. . Above 800°C cadmiums decompose to toxic fumes of cadmium oxide, zinc oxide, sulfur dioxide and selenium dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

**SECTION 11---TOXOCOLOGICAL INFORMATION**

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M. Graham & Co. Acrylic Colors have a low order of toxicity when used as anticipated and in a normal fashion where exposure is to the skin in small amounts. For information on toxicity associated with specific components refer to Section 2.

### **SECTION 12---ECOLOGICAL INFORMATION**

Not readily biodegradable. Not other data available.

### **SECTION 13---DISPOSAL CONSIDERATIONS**

Acrylic colors are typically used up rather than disposed of. If required, allow to dry and dispose as solid waste per local, state and federal regulations.

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

No restrictive Department of Transportation requirements. Not hazardous for shipping.

### **SECTION 15---REGULATORY INFORMATION**

Regulated by the US Consumer Product Safety Commission for consumer product labeling.

TOXICOLOGICAL CERTIFICATION: All M. Graham & Co. products are certified by an independent toxicologist. For conformity to ASTM D4236 under LHAMA in a manner consistent with Consumer Product Safety Commission Guidelines. Products are labeled in compliance with LAHMA under 16 C.F. R. 1500.14 (b) (8).

### **SECTION 16---OTHER INFORMATION**

Revised as of 1/1/13 to comply with new GHS standard format for Safety Data Sheets.

#### **DISCLAIMER**

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