

01573-XXXX

M. Graham & Co. Safety Data Sheet

Oil Color

M. Graham & Co.

P.O. Box 215

West Linn, Or. 97068-0215

Tel/Fax 503 656 6761

Date Revised: 5/1/17

Emergency Telephone:

Contact Local Poison Control Center

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

Artists Professional Oil Products; pigment dispersions and oil 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. OIL COLORColors

Alizarin Crimson, Anthraquinone Blue, Anthraquinone Red, Azo Coral, Azo Green, Azo Orange, Azo Yellow, Bismuth Yellow, Burnt Sienna, Burnt Umber, Cadmium Orange, Cadmium Red, Cadmium Red Deep, Cadmium Red Light, Cadmium Yellow, Cadmium Yellow Deep, Cadmium Yellow Light, Cerulean Blue, Chroma Black, Chromium Oxide Green, Chrome Tin Yellow, Cobalt Blue, Cobalt Green, Cobalt Teal, Cobalt Turquoise, Dioxazine Purple, Emerald Green, Green Earth, Hansa Yellow, Hansa Yellow Deep, Indian Yellow, Ivory Black, Lamp Black, Manganese Blue Hue, Maroon Perylene, Mars Black, Mineral Violet, Naphthol Red, Naples Yellow, Nickel Azo Yellow, Nickel Quinacridone Gold, Olive Green, Paynes Gray, Permanent Green Light, Permanent Green Pale, Phthalocyanine Blue, Phthalocyanine Blue Red Shade, Phthalocyanine Green, Phthalocyanine Green Yellow Shade, Prussian Blue, Pyrrol Red, Quinacridone Red, Quinacridone Rose, Quinacridone Rust, Quinacridone Violet, Raw Sienna, Raw Umber, Sap Green, Scarlet Pyrrol, Terra Rosa, Titanium White, Titanium White (Alkyd), Titanium White Sunflower, Transparent Orange Iron Oxide, Transparent Red Iron Oxide, Transparent Yellow Iron Oxide, Turquoise, Ultramarine Blue, Ultramarine Purple, Ultramarine Violet, Van Dyke Brown, Viridian, Warm White (Unbleached Titanium), Yellow Ochre, Zinc White

Mediums

Walnut Oil, Walnut Alkyd 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, Cobalt Green, Cobalt Teal, Cobalt Turquoise, 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, Chromium Oxide Green, Viridian.

Page 1

Item Numbers: 01573-1003, 01573-1004, 01573-1005, 01573-1007, 01573-1009, 01573-1013, 01573-1014, 01573-1023, 01573-1024, 01573-1033, 01573-1034, 01573-1059, 01573-1104, 01573-1105, 01573-1107, 01573-1109, 01573-1133, 01573-2023, 01573-2043, 01573-2048, 01573-2253, 01573-2255, 01573-2563, 01573-3063, 01573-3065, 01573-3093, 01573-3095, 01573-3203, 01573-3273, 01573-3333, 01573-3335, 01573-3603, 01573-3605, 01573-3743, 01573-3763, 01573-3793, 01573-4043, 01573-4045, 01573-4123, 01573-4133, 01573-4135, 01573-4143, 01573-4163, 01573-4203, 01573-4205, 01573-4453, 01573-4455, 01573-4533, 01573-4703, 01573-4913, 01573-4923, 01573-4963, 01573-5113, 01573-5163, 01573-5183, 01573-5185, 01573-5223, 01573-5233, 01573-5235, 01573-5813, 01573-5903, 01573-5905, 01573-5913, 01573-6023, 01573-6028, 01573-6513, 01573-6733, 01573-7063, 01573-7065, 01573-7073, 01573-7313, 01573-7315, 01573-7393, 01573-7453, 01573-7933, 01573-8043, 01573-8045, 01573-8053, 01573-8055, 01573-8063, 01573-8065, 01573-8073, 01573-8075, 01573-8313, 01573-1333, 01573-1883, 01573-2053, 01573-3353, 01573-3713, 01573-3773, 01573-3783, 01573-4173, 01573-4613, 01573-4903, 01573-4933, 01573-4973, 01573-4993, 01573-5093, 01573-5373, 01573-5793, 01573-5823, 01573-6643, 01573-6703, 01573-7053, 01573-7113, 01573-7163, 01573-7213, 01573-7903, 01573-9103

Page 1 of 3

M. Graham & Co. Safety Data Sheet

Oil Color

MANGANESE- Overexposure may affect the Central Nervous System and lungs, resulting in transitory psychosis, tiredness, weakness and pneumonitis. May aggravate preexisting neurologic conditions. Applies to: Burnt Umber, Green Earth, Raw Umber, Van Dyke Brown.

QUINACRIDONES- May cause dermatitis. Eye and skin irritant. Applies to: Nickel Quinacridone Gold, Quinacridone Red, Quinacridone Rose, Quinacridone Rust, Quinacridone Violet.

PHTHALOCYANINES- May cause dermatitis. Eye, skin irritant. Applies to: Emerald Green, Green Earth, Manganese Blue Hue, Olive Green, Permanent Green Pale, Phthalocyanine Blue, Phthalocyanine Blue Red Shade, Phthalocyanine Green, Phthalocyanine Green Yellow Shade, Sap Green, Turquoise.

WALNUT OIL- Ingestion can produce a laxative effect.

WALNUT ALKYD MEDIUM- Certified non-toxic as defined in 16 CFR 1500.3 (c) (2) (I). Ingestion can produce a laxative effect.

ZINC- Overexposure may result in fever, chills, muscular pain or nausea. Applies to: Titanium White, Warm White (Unbleached Titanium), Zinc White.

SECTION 3---COMPOSITION/INFORMATION ON INGREDIENTS.

Formulations of pigments and vegetable oils with 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: > 215°F

METHOD USED: T.C.C

FLAMMABLE: Classification: OSHA-Class III-B-Dot-Combustible Liquid.

EXTINGUISHING MEDIA: Carbon dioxide, water fog, foam or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Use water to cool containers exposed to heat. Use self-contained breathing apparatus and full protective clothing for enclosed areas.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not store with strong oxidants. Do not apply to hot surfaces. Contaminated rags or other organic materials are spontaneously combustible. Immerse in water after use. Decomposition and combustion products may be toxic.

SECTION 6---ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spilled material by diking with inert materials. Transfer materials to containers for recovery or disposal.

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

OTHER PRECAUTIONS: Immerse contaminated rags in water, store in enclosed metal containers designed for fire retardation.

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 for normal use.

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 skin contact and wash after use. Keep materials out of reach of children.

SECTION 9---PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: >N/A

SPECIFIC GRAVITY (H₂O=1): .9235-2.5

VAPOR DENSITY: N/A

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: Insoluble.

APPEARANCE AND ODOR: Thick colored paste, light amber liquid, slight vegetable odor.

M. Graham & Co. Safety Data Sheet

Oil Color

SECTION 10---STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: Extreme heat.

INCOMPATIBILITY: Strong oxidants such as Nitric Acid.

HAZARDOUS DECOMPOSITION: Usual products of combustion: carbon dioxide, carbon monoxide, 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---TOXICOLOGICAL INFORMATION

M. Graham & Co. Oil 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

Partially biodegradable. Not other data available.

SECTION 13---DISPOSAL CONSIDERATIONS

Oil 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 5/1/17 to comply with new GHS standard format for Safety Data Sheets.

DISCLAIMER

WHILE WE BELIEVE THE DATA SET FORTH HEREIN IS ACCURATE AS OF THE DATE HEREOF, M. GRAHAM & CO. AND ITS AFFILIATED ENTITIES MAKE NO WARRANTIES EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE SUITABILITY OF ITS PRODUCTS FOR USE. THIS INFORMATION IS OFFERED SOLELY FOR THE BUYERS CONSIDERATION, INVESTIGATION AND VERIFICATION. ALL PRODUCTS ARE SOLD ON AN "AS IS" BASIS AND M. GRAHAM & CO. EXPRESSLY DISCLAIMS ANY WARRANTY AS TO THE MERCHANTABILITY OR FITNESS OF ITS PRODUCTS FOR ANY PARTICULAR USE OR PURPOSE OF THE BUYER. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PRODUCTS IS WITH THE BUYER. IF THE PRODUCT PROVES DEFECTIVE AFTER PURCHASE, THE BUYER NOT THE MANUFACTURER ASSUMES THE ENTIRE COST OF ALL NECESSARY SERVICING OR REPAIR.