

# 84759 — # 84759

Pg 1

MATERIAL SAFETY DATA SHEET

MANUFACTURER OR DISTRIBUTOR: M. Grumbacher, Inc.  
30 Englehard Dr.

Cranbury NJ 08512

INFORMATION TELEPHONE NUMBER: 609-655-8282

EMERGENCY TELEPHONE NUMBER: 800-346-3278

7879 all codes  
7880-00  
7865-00

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: MAX GRUMBACHER ARTIST'S OIL COLOR PRODUCT NO. H2OIL

PRODUCT SIZES: 11, 37, 150, 200 ML

PRODUCT CLASS: OIL PAINT

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	CAS#	PEL/TLV (MG/M3)	MAX %WEIGHT	NTP	
SOLUBLE CADMIUM	7440-43-9	0.05	0.0143	N	N
CADMIUM PIGMENT		0.05	100.0000	N	N
SOLUBLE COBALT	7440-48-4	0.05	0.0801	N	N
HEXACHLOROBENZENE		N/A	0.0003	Y	Y
SOLUBLE NICKEL	7440-02-0	1.00	0.2960	N	N

847900-847959

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT: N/A MELTING POINT: N/A  
 VAPOR PRESSURE: N/A  
 SPECIFIC VAPOR DENSITY (AIR=1): N/A SPECIFIC GRAVITY: N/A  
 SOLUBILITY IN WATER: N/A REACTIVITY IN WATER: NON-REACTIVE  
 APPEARANCE AND ODOR:

SECTION IV - FIRE AND EXPLOSION INFORMATION

FLASH POINT (METHOD): N/A AUTOIGNITION TEMPERATURE: N/A  
 EXPLOSION LIMITS IN AIR (% BY VOLUME): NOT EXPLOSIVE  
 SPECIAL HANDLING MEDIA: NO SPECIAL MEDIA REQUIRED  
 SPECIAL FIGHTING PROCEDURES: NO SPECIAL FIRE FIGHTING PROCEDURES REQUIRED  
 FIRE & EXPLOSION HAZARDS: NOT COMBUSTIBLE

SECTION V - PHYSICAL HAZARDS/REACTIVITY

HAZARDOUS POLYMERIZATION PRODUCTS: NONE  
 STABILITY: STABLE CONDITIONS TO AVOID: NONE  
 COMPATIBILITY (MATERIALS TO AVOID): NONE  
 HAZARDOUS DECOMPOSITION PRODUCTS: NONE

84700-84759

COMPANY: M. Grumbacher, Inc. PRODUCT: H2OIL  
BRAND NAME: MAX GRUMBACHER ARTIST'S OIL COLOR

----- SECTION VI - HEALTH HAZARD DATA -----

PERMISSIBLE EXPOSURE LEVEL: SEE SECTION II FOR COMPONENT PEL/TLVs

PRIMARY ROUTES OF ENTRY: INHALATION, INGESTION, EYE, SKIN

EFFECTS AND SYMPTOMS OF ACUTE EXPOSURE: MAY BE HARMFUL IF SWALLOWED.

EFFECTS AND SYMPTOMS OF CHRONIC EXPOSURE: EXPOSURE MAY CAUSE DAMAGE TO THE HEART OR LUNGS. EXPOSURE MAY CAUSE DAMAGE TO THE TESTES. EXPOSURE MAY CAUSE HARM TO THE DEVELOPING FETUS. CANCER AGENT BASED ON EXPERIMENTAL DATA. CHRONIC EXPOSURE MAY RESULT IN DIFFICULTY WITH REPRODUCTION (CHILD BEARING).

CARCINOGEN LISTING: NTP: YES IARC: YES OSHA: NO  
SEE SECTION II FOR COMPONENTS AFFECTED

MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVER EXPOSURE TO THIS PRODUCT: CHRONIC DERMATITIS. CHRONIC LUNG DISEASE. KIDNEY DISEASE. PREGNANCY. HEART DISEASE.

FIRST AID MEASURES: If swallowed, get prompt medical attention.

----- SECTION VII - SPILL OR LEAK PROCEDURES -----

PRECAUTIONS TO BE TAKEN DURING STORAGE AND HANDLING: KEEP OUT OF REACH OF CHILDREN.

STEPS TO BE TAKEN IN CASE A MATERIAL IS SPILLED: NO SPECIAL SPILL PROCEDURES REQUIRED.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

----- SECTION VIII - PROTECTIVE EQUIPMENT/CONTROL MEASURES -----

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: Use NIOSH-certified mask for dusts and a locally exhausting hood appropriate for the operation.

OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC): NONE REQUIRED

WORK/HYGIENE PRACTICES: Do not spray apply. Wash hands immediately after use. When using do not eat, drink or smoke. Avoid using if pregnant or contemplating pregnancy.

Form Completed by: Woodhall Stopford, MD, MSPE  
Last Updated: 03/16/92

**TECHNICAL INFORMATION**

**MAX GRUMBACHER Artists' Oil Colors**

Nizarin Crimson	Synthetic 1:2 Dihydroanthraquinone on Alumina Base (PR83) Lightfastness III Moderate Transparent
Burnt Sienna	Calcined Natural Iron Oxide, Synthetic Red Iron Oxide (PBr7) (PR101) Lightfastness I Excellent Transparent
Burnt Umber	Calcined Natural Iron Oxide Containing Manganese (PBr7) Lightfastness I Excellent Semi Opaque
Cadmium-Barium Orange	Cadmium Seleno-Sulfide Coprecipitated with Barium Sulfate (PR108:1) Lightfastness I Excellent Opaque
Cadmium-Barium Red Light	Cadmium Seleno-Sulfide Coprecipitated with Barium Sulfate (PR108:1) Lightfastness I Excellent Opaque
Cadmium-Barium Red Medium	Cadmium Seleno-Sulfide Coprecipitated with Barium Sulfate (PR108:1) Lightfastness I Excellent Opaque
Cadmium-Barium Yellow Light	Cadmium Zinc Sulfide Coprecipitated with Barium Sulfate (PY35:1) Lightfastness I Excellent Opaque
Cadmium-Barium Yellow Medium	Cadmium Zinc Sulfide Coprecipitated with Barium Sulfate (PY35:1) Lightfastness I Excellent Opaque
Cadmium-Barium Yellow Pale	Cadmium Zinc Sulfide Coprecipitated with Barium Sulfate (PY35:1) Lightfastness I Excellent Opaque
Cerulean Blue	Oxides of Cobalt and Tin (PB35) Lightfastness I Excellent Opaque
Cobalt Blue	Oxides of Cobalt and Aluminum (PB28) Lightfastness I Excellent Semi Transparent
French Ultramarine Blue	Complex Silicate of Sodium and Aluminum with Sulfur (PB29) Lightfastness I Excellent Transparent
Grumbacher Red	Naphthol AS-D (PR112) Lightfastness II Very Good Semi Opaque
Ivory Black	Amorphous Carbon Produced by Charring Animal Bones (PBk9) Lightfastness I Excellent Semi Transparent
Mars Black	Synthetic Black Iron Oxide (PBk11) Lightfastness I Excellent Opaque

**MAX GRUMBACHER Artists' Oil Colors**

Naples Yellow Hue	Cadmium Seleno-Sulfide Coprecipitated with Barium Sulfate, Calcined Natural Iron Oxide, Zinc Oxide, Cadmium Zinc Sulfide coprecipitated with Barium Sulfate (PR108:1) (PBr7) (PW4) (PY35:1) Lightfastness I Excellent Opaque
Paynes Gray	Nearly Pure Amorphous Carbon, Complex Silicate of Sodium and Aluminum with Sulfur (PBk6) (PB29) Lightfastness I Excellent Semi Transparent
Permanent Green Light	Hydrous Chromium Sesquioxide, Arylide Yellow 10G (PG18) (PY3) Lightfastness II Very Good Opaque
Prussian Blue	Ferri-Ammonium Ferrocyanide (PB27) Lightfastness I Excellent Semi Transparent
Raw Sienna	Natural Iron Oxide (PB7) Lightfastness I Excellent Semi Transparent
Raw Umber	Natural Iron Oxide Containing Manganese (PBr7) Lightfastness I Excellent Opaque
Sep Green	Chlorinated Copper Phthalocyanine, Quinacridone, Copper Phthalocyanine (PG17) (PO48) (PB13) Lightfastness I Excellent Transparent
Thalo Blue	Copper Phthalocyanine Lightfastness I Excellent Semi Transparent
Thalo Green (Blue Shade)	Chlorinated Copper Phthalocyanine (PG17) Lightfastness I Excellent Semi Transparent
Thio Violet	Thioindigord (PRk6) Lightfastness I Excellent Transparent
Titanium White	Titanium Dioxide, Zinc Oxide (PW6) (PW4) Lightfastness I Excellent Opaque
Viridian	Hydrous Chromium Sesquioxide (PG18) Lightfastness I Excellent Transparent
Yellow Ochre	Natural Hydrated Iron Oxide, Synthetic Hydrated Iron Oxide (PY43) (PY42) Lightfastness I Excellent Semi-Opaque
Zinc White	Zinc Oxide (PW4) Lightfastness I Excellent Semi Opaque
Zinc Yellow Hue	Arylide Yellow 10G (PY3) Lightfastness II Very Good Semi Opaque