

SAFETY DATA SHEET

3/21/2018

00414-XXXX

SECTION I - IDENTIFICATION**Material Name**

MAX GRUMBACHER ARTIST'S OIL COLOR

Company Information

Chartpak Inc.
 1 River Road
 Leeds, MA 01053
 Phone: 1-800-628-1910
 Fax: 1-413-587-0499
 Email: lab@chartpak.com

For transportation emergencies only call: 1-888-786-0972

For health emergencies call the Poison Control Center: 1-800-222-1222

SECTION II - HAZARDS IDENTIFICATION**Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

Eye Irritation - Category 2
 Hazardous to the Aquatic Environment - Chronic - Category 3
 Hazardous to the Aquatic Environment - Acute - Category 1
 Hazardous to the Aquatic Environment - Chronic - Category 1
 Skin Sensitization - Category 1
 Carcinogenicity - Category 2

GHS Label Elements**Symbol(s)****Signal Word(s)**

Danger

Hazard Statement(s)

Causes serious eye irritation Harmful to aquatic life with long lasting effects May cause an allergic skin reaction Suspected of causing cancer. Very toxic to aquatic life Very toxic to aquatic life with long lasting effects

Precautionary Statement(s)**Prevention**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Store locked up.

Response

Get medical advice/attention. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. Wash contaminated clothing before reuse. Collect spillage. IF ON SKIN: Wash with plenty of water. IF exposed or concerned: Get medical advice/ attention.If skin irritation or rash occurs: Get medical advice/attention.

SECTION III - COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Hazardous Ingredients	CAS/EC #	PEL/TLV (MG/M#)	Max % Weight	NTP	IARC
AMINO-2-METHYL PROPANOL	124-68-5	N/A	1.18000	N	N
ZINC OXIDE	1314-13-2	N/A	65.60000	N	N
MORDANT RED 11	72-48-0	N/A	26.76000	N	N
CADMIUM	7440-43-9	0.01	0.14750	Y	Y
METHYL ETHYL KETOXIME	96-29-7	N/A	0.25000	N	N

SECTION IV - FIRST AID MEASURES

FIRST AID MEASURES: If eye contact occurs, rinse with tap water for 5-10 minutes. If irritation persists, seek medical care.

SECTION V - FIRE FIGHTING MEASURES

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

SECTION VI - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE A MATERIAL IS SPILLED: Clean up in accordance with all applicable regulations. Absorb spillage with non-combustible, absorbent material. For waste disposal, see Section XIII

SECTION VII - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN DURING STORAGE AND HANDLING: Good industrial hygiene practice requires that exposure be maintained below the TLV. This is preferably achieved through the provision of adequate ventilation. When exposure cannot be adequately controlled in this way, personal respiratory protection should be employed.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: NONE REQUIRED
 OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC): NONE REQUIRED
 WORK/HYGIENE PRACTICES: Keep away from eyes. **AVOID USING IF PREGNANT OR CONTEMPLATING PREGNANCY.**
 ENGINEERING CONTROLS: **KEEP OUT OF REACH OF CHILDREN.**

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

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

SECTION X - STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION PRODUCTS: N/A
STABILITY: STABLE CONDITIONS TO AVOID: N/A
INCOMPATIBILITY (MATERIALS TO AVOID): N/A
HAZARDOUS DECOMPOSITION PRODUCTS: N/A

SECTION XI - TOXICOLOGICAL INFORMATION

ACUTE EFFECTS ASSOCIATED WITH USE OF THIS MATERIAL: EYE IRRITANT. MAY BE HARMFUL IF SWALLOWED.
MAY BE HARMFUL BY BREATHING DUSTS OR MISTS.

The summated LD50 is 8120.9 mg/kg.

The summated LC50 is 99999 mg/cubic meter.

This product is considered to be a known or suspected human carcinogen by NTP, IARC or OSHA (see section III)

SECTION XII - ECOLOGICAL INFORMATION

Aquatic Hazard Statement(s)

Harmful to aquatic life with long lasting effects

Very toxic to aquatic life

Very toxic to aquatic life with long lasting effects

SECTION XIII - DISPOSAL CONSIDERATIONS

RCRA HAZARD CLASS (40 CFR 261): THIS PRODUCT IS NOT CLASSIFIED AS A HAZARDOUS WASTE.

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

SECTION XIV - TRANSPORTATION INFORMATION

U.S. DOT (49 CFR 172.101): THIS IS NOT A HAZARDOUS MATERIAL AS CLASSIFIED BY CFR 172.101.

SECTION XV - REGULATORY INFORMATION

CONTENTS OF THIS SDS COMPLY WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200

EPA SARA TITLE III CHEMICAL LISTINGS:

SECTION 302.4 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355):

NONE

SECTION 313 TOXIC CHEMICALS (40 CFR 372):

NONE

INTERNATIONAL REGULATIONS

CANADIAN WHMIS: THIS PRODUCT IS A CONTROLLED PRODUCT UNDER CANADA'S WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM. IT CONTAINS THE FOLLOWING TOXIC OR HIGHLY TOXIC MATERIALS:

AMORPHOUS SILICA

COPPER PHTHALOCYANINE

DIPROPYLENE GLYCOL MONOMETHYL ETHER

FERRIC OXIDE

LINOLEIC ACID

LINSEED OIL

OLEIC ACID

PIGMENT RED 83

ZINC OXIDE

SUPPLEMENTAL STATE COMPLIANCE INFORMATION:

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED UNDER NEW JERSEY'S RIGHT TO KNOW PROGRAM:

AMORPHOUS SILICA
DIPROPYLENE GLYCOL MONOMETHYL ETHER
PIGMENT RED 101
PIGMENT WHITE 6
ZINC OXIDE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) REQUIRING NOTIFICATION TO THE STATE OF WASHINGTON UNDER THEIR CHILDREN'S SAFE PRODUCTS ACT:

CADMIUM ZINC SULFIDE
COBALT ALUMINATE BLUE SPINEL
COBALT TALLATE
COBALT TIN OXIDE (COSNO3)

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED IN FLORIDA'S TOXIC SUBSTANCE LIST:

2-Amino-2-methyl-1-propanol
Amorphous silica
Dipropylene glycol methyl ether
Iron oxide fume
Zinc oxide fume

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED IN MAINE'S PRIORITY CHEMICAL LIST:

NONE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS CONSIDERED BY VERMONT AS BEING OF VERY HIGH CONCERN TO CHILDREN:

NONE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED IN MASSACHUSETTS HAZARDOUS SUBSTANCE LIST:

2-Amino-2-methyl-1-propanol
Amorphous silica
Barium sulfate
Carbon black
Dipropylene glycol methyl ether
Iron oxide dust
Titanium dioxide
Zinc oxide fume

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED ON MICHIGAN'S CRITICAL MATERIALS REGISTER:

NONE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED ON MINNESOTA'S HAZARDOUS SUBSTANCES LIST:

Barium, sulfate
Carbon black
Dipropylene glycol methyl ether
Iron oxide fume (Fe2O3) as Fe
Kaolin dust
Limestone
Methyl ethyl ketoxime
Silica (SiO2)
Titanium dioxide
Zinc oxide, fume and dust

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED IN PENNSYLVANIA'S HAZARDOUS SUBSTANCES LIST:

1-Propanol, 2-amino-2-methyl-
9-Octadecenoic acid (z)-
Barium sulfate
Carbon black
Iron oxide
Kaolin
Linseed oil
Propanol, (2-methoxymethylethoxy)-
Silica
Titanium oxide
Zinc oxide

Under CPSC's consumer product regulations (16CFR1500.3 and 1500.14), this product has the following required acute and chronic hazard labeling:

WARNING: EYE IRRITANT. EXPOSURE MAY CAUSE HARM TO THE DEVELOPING FETUS.
Contains: CADMIUM, MORDANT RED 11

PRECAUTIONS: Keep away from eyes. **AVOID USING IF PREGNANT OR CONTEMPLATING PREGNANCY. KEEP OUT OF REACH OF CHILDREN.**

FIRST AID TREATMENT: If eye contact occurs, rinse with tap water for 5-10 minutes. If irritation persists, seek medical care. For further health information contact a poison control center or call . . . (must contain a US telephone # and US company name and address on the label).

This product contains a chemical known to the State of California to cause cancer.

This product contains cadmium, a chemical known to the State of California to cause cancer, birth defects and other reproductive harm.

SECTION XVI - OTHER INFORMATION

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

LAST REVISION DATE: 06/14/2016

Prepared by Duke OEM Toxicology

COLOR INFORMATION

THIS SDS APPLIES TO THE FOLLOWING COLORS WHICH ARE ASSOCIATED WITH HAZARDOUS AND/OR NON-HAZARDOUS INGREDIENTS

Product Color	SKU	Hazardous Ingredient
M001 ALIZARIN CRIMSON		MORDANT RED 11
M023 BURNT SIENNA		(NONE)
M024 BURNT UMBER		(NONE)
M025 CADMIUM ORANGE		(NONE)
M026 CADMIUM RED DEEP		(NONE)
M027 CADMIUM RED LIGHT		(NONE)
M029 CADMIUM RED MEDIUM		(NONE)
M030 CADMIUM VERMILLION		(NONE)
M031 CADMIUM YELLOW DEEP		(NONE)
M033 CADMIUM YELLOW LIGHT		(NONE)
M034 CADMIUM YELLOW MEDIUM		(NONE)
M035 CADMIUM YELLOW ORANGE		(NONE)
M036 CADMIUM YELLOW PALE		(NONE)
M040 CERULEAN BLUE		(NONE)
M048 CHROMIUM OXIDE GREEN		(NONE)
M049 COBALT BLUE		(NONE)
M059 COBALT TITANATE BLUE		(NONE)
M060 DIARYLIDE YELLOW		(NONE)
M061 DIOXAZINE PURPLE		(NONE)
M071 FLESH HUE		(NONE)
M076 ULTRAMARINE BLUE		(NONE)
M080 GOLD OCHRE		(NONE)
M085 GREEN EARTH		(NONE)
M093 PERMANENT BRIGHT GREEN		(NONE)
M095 GRUMBACHER RED		(NONE)
M109 INDANTHRONE BLUE		(NONE)
M110 INDIAN RED		(NONE)
M115 IVORY BLACK		(NONE)
M116 LAMP BLACK		(NONE)
M134 MARS BLACK		(NONE)
M146 NAPLES YELLOW HUE		CADMIUM
M148 NICKEL TITANATE YELLOW		(NONE)
M156 PAYNE'S GRAY		(NONE)
M160 PERMANENT BLUE		(NONE)
M162 PERMANENT GREEN LIGHT		(NONE)
M163 PERYLENE MAROON		(NONE)
M166 PRUSSIAN GREEN		(NONE)
M168 PRUSSIAN BLUE		(NONE)
M169 QUINACRIDONE ORANGE		(NONE)
M170 QUINACRIDONE RED		(NONE)
M171 RAW SIENNA		(NONE)
M172 RAW UMBER		(NONE)
M187 SAP GREEN		(NONE)
M203 THALO BLUE		(NONE)
M205 THALO GREEN		(NONE)
M208 THALO RED ROSE		(NONE)
M210 THALO YELLOW GREEN		(NONE)
M211 THIO VIOLET		(NONE)
M212 TITANIUM WHITE		(NONE)
M220 ULTRAMARINE RED		(NONE)
M222 VAN DYCK BROWN		(NONE)
M223 VENETIAN RED		(NONE)
M232 VIRIDIAN		(NONE)
M244 YELLOW OCHRE		(NONE)
M248 ZINC WHITE		(NONE)
M249 ZINC YELLOW		(NONE)
M306 THALO GREEN (YELLOW)		(NONE)

Product Color	SKU	Hazardous Ingredient
M307 ULTRA BLUE DEEP M309 COBALT TURQUOISE		(NONE) (NONE)

BRAND NAMES

THIS SDS APPLIES TO THE FOLLOWING BRAND NAMES

Brand Name

MAX GRUMBACHER ARTIST'S OIL COLOR
MAX 2