

SAFETY DATA SHEET

5/10/2018

SECTION I - IDENTIFICATION

Material Name

MAX GRUMBACHER ARTIST'S OIL COLOR

Company Information

Chartpak Inc.
1 River Road
Leeds, MA 01053
Phone: 1-800-828-1910
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

<u>Hazardous Ingredients</u>	<u>CAS/EC #</u>	<u>PEL/TLV (MG/M#)</u>	<u>Max % Weight</u>	<u>NTP</u>	<u>IARC</u>
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

AUTOIGNITION TEMPERATURE: 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

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

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

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 8066.9 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

COBALT DRIER

COPPER PHTHALOCYANINE

DIPROPYLENE GLYCOL MONOMETHYL ETHER

FERRIC OXIDE

LINOLEIC ACID

LINSEED OIL

OLEIC ACID

ZINC OXIDE

SUPPLEMENTAL STATE COMPLIANCE INFORMATION:

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

AMORPHOUS SILICA

COBALT DRIER

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 150014), 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).

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: 05/10/2018

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)
*M036 CADMIUM YELLOW PALE		(NONE)
M040 CERULEAN BLUE		(NONE)
M048 CHROMIUM OXIDE GREEN		(NONE)
*M049 COBALT BLUE		(NONE)
M060 DIARYLIDE YELLOW		(NONE)
M061 DIOXAZINE PURPLE		(NONE)
M071 FLESH HUE		(NONE)
M076 ULTRAMARINE BLUE		(NONE)
M085 GREEN EARTH		(NONE)
M093 PERMANENT BRIGHT GREEN		(NONE)
M095 GRUMBACHER RED		(NONE)
M115 IVORY BLACK		(NONE)
M134 MARS BLACK		(NONE)
*M146 NAPLES YELLOW HUE		CADMIUM
M148 NICKEL TITANATE YELLOW		(NONE)
M156 PAYNE'S GRAY		(NONE)
M163 PERYLENE MAROON		(NONE)
M168 PRUSSIAN BLUE		(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)
M244 YELLOW OCHRE		(NONE)
M248 ZINC WHITE		(NONE)
M249 ZINC YELLOW		(NONE)
M306 THALO GREEN (YELLOW)		(NONE)
M307 ULTRA BLUE DEEP		(NONE)
*M309 COBALT TURQUOISE		(NONE)

*Denotes that color has Proposition 65 labeling

BRAND NAMES

THIS SDS APPLIES TO THE FOLLOWING BRAND NAMES

Brand Name

MAX GRUMBACHER ARTIST'S OIL COLOR
MAX 2