

SAFETY DATA SHEET

3/30/2021

SECTION I - IDENTIFICATION

Material Name

GRUMBACHER FINEST WATERCOLOR

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.

Hazardous to the Aquatic Environment - Acute - Category 1

Hazardous to the Aquatic Environment - Chronic - Category 1

GHS Label Elements

Symbol(s)



Signal Word(s)

Danger

Hazard Statement(s)

Very toxic to aquatic life Very toxic to aquatic life with long lasting effects

Precautionary Statement(s)

Prevention

Avoid release to the environment.

Response

Collect spillage.

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> |
|------------------------------|-----------------|----------------------------|-------------------------|------------|-------------|
| ZINC | 1314-13-2 | N/A | 48.44000 | N | N |
| COBALT | 7440-48-4 | 0.05 | 16.81300 | Y | Y |

SECTION IV - FIRST AID MEASURES

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

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: Do not spray apply. Avoid ingestion.
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: MAY BE HARMFUL IF SWALLOWED.
EXPOSURE MAY RESULT IN SHORTNESS OF BREATH, CHEST PAIN, CHEST TIGHTNESS, WHEEZING AND A COUGH.
The summated LD50 is 2465.7 mg/kg.

The summated LC50 is 28613 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)

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:

COPPER PHTHALOCYANINE

FERRIC OXIDE

GUM ARABIC

PROPYLENE GLYCOL

ZINC OXIDE

SUPPLEMENTAL STATE COMPLIANCE INFORMATION:

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

GUM ARABIC

PIGMENT RED 101

PIGMENT WHITE 6

PROPYLENE GLYCOL

ZINC OXIDE

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

CADMIUM SELENIDE SULFIDE (CD₂SES)

CADMIUM ZINC SULFIDE

COBALT TIN OXIDE (COSNO₃)

PHOSPHORIC ACID, AMMONIUM COBALT(2+) SAL

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

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:
Carbon black
Glycerine mist
Iron oxide dust
Sucrose 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:
Carbon black
Glycerin mist
Iron oxide fume (Fe₂O₃) as Fe
Propylene glycol
Sucrose
Titanium dioxide
Zinc oxide, fume and dust

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED IN PENNSYLVANIA'S HAZARDOUS SUBSTANCES LIST:
1,2,3-Propanetriol
1,2-Propanediol
Alpha-D-glucopyranoside, .beta.-d-fructo
Carbon black
Iron oxide
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:MAY BE HARMFUL IF SWALLOWED. INHALATION MAY CAUSE RESPIRATORY ALLERGIES, OR LUNG DAMAGE.

Contains: COBALT, ZINC

PRECAUTIONS:Do not spray apply. Avoid ingestion. **KEEP OUT OF REACH OF CHILDREN.**

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

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 |
|--|-----|----------------------|
| W001 ALIZARIN CRIMSON | | (NONE) |
| W002 BURNT ALIZARIN/CRIMSON GOLDEN | | (NONE) |
| W003 AUREOLIN YELLOW | | (NONE) |
| W005 TRANSPARENT ORANGE | | (NONE) |
| W021 BROWN MADDER | | (NONE) |
| W023 BURNT SIENNA | | (NONE) |
| W024 BURNT UMBER | | (NONE) |
| W025 CADMIUM ORANGE | | (NONE) |
| W026 CADMIUM RED DEEP | | (NONE) |
| W027 CADMIUM RED LIGHT | | (NONE) |
| W029 CADMIUM RED MEDIUM | | (NONE) |
| W031 CADMIUM YELLOW DEEP | | (NONE) |
| W032 CADMIUM YELLOW LEMON | | (NONE) |
| W033 CADMIUM YELLOW LIGHT | | (NONE) |
| W034 CADMIUM YELLOW MEDIUM | | (NONE) |
| W039 CERULEAN BLUE | | (NONE) |
| W043 TITANIUM WHITE | | (NONE) |
| W044 CHINESE WHITE | | ZINC |
| W048 CHROMIUM OXIDE GREEN (LIGHT) | | (NONE) |
| W049 COBALT BLUE | | (NONE) |
| W053 COBALT VIOLET | | COBALT |
| W060 BISMUTH YELLOW | | (NONE) |
| W061 DIOXAZINE PURPLE | | (NONE) |
| W064 DAVY'S GRAY | | (NONE) |
| W067 PERMANENT GREEN (EMERALD) | | (NONE) |
| W068 RED IRON OXIDE (ENGLISH RED) | | (NONE) |
| W076 FRENCH ULTRAMARINE (LIGHT) | | (NONE) |
| W077 GAMBOGE | | (NONE) |
| W085 TERRE VERDE | | (NONE) |
| W095 TRUE RED (GRUMBACHER LIGHT) | | (NONE) |
| W103 MAGENTA | | (NONE) |
| W106 HOOKER'S GREEN DEEP | | (NONE) |
| W107 HOOKER'S GREEN LIGHT | | (NONE) |
| W109 DELFT BLUE | | (NONE) |
| W110 INDIAN RED | | (NONE) |
| W111 INDIAN YELLOW | | (NONE) |
| W112 INDIGO | | (NONE) |
| W115 IVORY BLACK | | (NONE) |
| W116 LAMP BLACK | | (NONE) |
| W118 LEMON YELLOW | | (NONE) |
| W131 MANGANESE BLUE HUE | | (NONE) |
| W133 COBALT TURQUOISE | | (NONE) |
| W146 NAPLES YELLOW | | (NONE) |
| W156 PAYNE'S GRAY | | (NONE) |
| W163 PERMANENT ALIZARIN | | (NONE) |
| W168 PRUSSIAN BLUE | | (NONE) |
| W171 RAW SIENNA | | (NONE) |
| W172 RAW UMBER | | (NONE) |
| W182 ALIZARIN ROSE (MADDER) | | (NONE) |
| W187 SAP GREEN | | (NONE) |
| W193 SEPIA NATURAL LIGHT | | (NONE) |
| W194 SEPIA (WARM) | | (NONE) |
| W203 THALO BLUE | | (NONE) |
| W204 QUINACRIDONE ROSE (THALO CRIMSON) | | (NONE) |
| W205 THALO GREEN (LIGHT) | | (NONE) |
| W206 THALO PURPLE | | (NONE) |
| W207 THALO RED | | (NONE) |

| Product Color | SKU | Hazardous Ingredient |
|--|------------|-----------------------------|
| W209 THALO YELLOW GREEN | | (NONE) |
| W211 QUINACRIDONE MAGENTA (THALO VIOLET) | | (NONE) |
| W219 ULTRAMARINE BLUE | | (NONE) |
| W222 VAN DYCK BROWN | | (NONE) |
| W225 VERMILLION DEEP | | (NONE) |
| W228 VERMILION LIGHT | | (NONE) |
| W232 VIRIDIAN | | (NONE) |
| W242 YELLOW OCHRE | | (NONE) |

BRAND NAMES

THIS SDS APPLIES TO THE FOLLOWING BRAND NAMES

Brand Name

GRUMBACHER FINEST WATERCOLOR