

SAFETY DATA SHEET

3/11/2016

SECTION I - IDENTIFICATION

Material Name

CHARVIN

Company Information

Charvin/Maison De Haute Couleur
473 Route De Bord De Mer
Villeneuve Loubet, 06270
Phone: 011 0493737154
Fax: 011 04 93 73 28 59
Email: lcharvin@charvincouleurs.com

For transportation emergencies only call: 011 0493737154

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 OXIDE	1314-13-2	N/A	65.00000	N	N
CADMIUM	7440-43-9	0.01	0.27700	Y	Y

SECTION IV - FIRST AID MEASURES

FIRST AID MEASURES: NONE REQUIRED. NO ACUTE HEALTH EFFECTS EXPECTED.

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: **AVOID USING IF PREGNANT OR CONTEMPLATING PREGNANCY.**
ENGINEERING CONTROLS: Not for use by 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: MAY BE HARMFUL IF SWALLOWED.
MAY BE HARMFUL BY BREATHING DUSTS OR MISTS.
The summated LD50 is 7880.3 mg/kg.
The summated LC50 is 15442 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

NONE

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

MICA

ZINC OXIDE

SUPPLEMENTAL STATE COMPLIANCE INFORMATION:

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

CHROMIUM OXIDE GREEN

MICA

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:

NONE

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

Iron oxide fume

Mica dust

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
Chromium (III) oxide
Iron oxide dust
Mica 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
Iron oxide fume (Fe₂O₃) as Fe
Titanium dioxide
Zinc oxide, fume and dust

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED IN PENNSYLVANIA'S HAZARDOUS SUBSTANCES LIST:
Carbon black
Iron oxide
Mica-group minerals
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: EXPOSURE MAY CAUSE HARM TO THE DEVELOPING FETUS.
Contains: CADMIUM

PRECAUTIONS: AVOID USING IF PREGNANT OR CONTEMPLATING PREGNANCY. Not for use by children.
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 and birth defects or 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: 03/11/2016

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
AUBERE PINK		(NONE)
BLUE LAGOON		(NONE)
BLUE SHADE		(NONE)
BOIS DE ROSE		(NONE)
BURNT SIENNA		(NONE)
BURNT UMBER		(NONE)
CADMIUM GREEN		(NONE)
CARAIBES		(NONE)
CERULEAN BLUE		(NONE)
CHARVIN WARM GREY		(NONE)
CORAL		(NONE)
CYAN PTHALO		(NONE)
DEEP CADMIUM GREEN		(NONE)
DEEP CELADON GREEN		CADMIUM
DEEP CHARTREUSE GREEN		(NONE)
DEEP OPALINE GREEN		(NONE)
DEEP OXIDE RED		(NONE)
DEEP ROSACE		(NONE)
DEEP TURQUOISE BLUE		(NONE)
DEEP VERT DE GRIS		(NONE)
DEEP WATER GREEN		(NONE)
EXTRA LIGHT CINNABER GREEN		(NONE)
FLESH		(NONE)
FLESH OCHRE		(NONE)
FRENCH BLUE		(NONE)
GOLD		(NONE)
GOLDEN COQUILLE		CADMIUM
GOLDEN NAPLES YELLOW		CADMIUM
GOLDEN OCHRE		(NONE)
GREEN COQUILLE		(NONE)
GREEN HEARTH		(NONE)
HAZY ROSE		(NONE)
INCARNAT		(NONE)
INDIAN RED OCHRE		(NONE)
INDIGO		(NONE)
LEADED GREY		(NONE)
LEADED SKY		(NONE)
LEMON NEON YELLOW		(NONE)
LIGHT AZURIN BLUE		(NONE)
LIGHT CADMIUM GREEN		(NONE)
LIGHT CARAIBES		(NONE)
LIGHT CELADON GREEN		(NONE)
LIGHT CERULE		(NONE)
LIGHT CERULE BLUE		(NONE)
LIGHT CINNABER GREEN		(NONE)
LIGHT COBALT BLUE		(NONE)
LIGHT COQUILLE		CADMIUM
LIGHT CORAL		(NONE)
LIGHT GOLDEN OCHRE		(NONE)
LIGHT INCARNAT		(NONE)
LIGHT PORTRAIT PINK		CADMIUM
LIGHT ROSACE		(NONE)
LIGHT SAINT REMY GREEN		(NONE)
LIGHT VERT DE GRIS		CADMIUM
LINEN GREY		(NONE)
MEDIUM AZURIN BLUE		(NONE)
MEDIUM CINNABER GREEN		(NONE)

Product Color	SKU	Hazardous Ingredient
MEDIUM VERT DE GRIS		CADMIUM
MUMMY BROWN		(NONE)
NAPLES YELLOW		CADMIUM
NATTIER BLUE		(NONE)
NEON BLUE		(NONE)
NEON TURQUOISE		(NONE)
OLD NAPLES YELLOW		(NONE)
OLD PINK		(NONE)
OPALINE GREEN		(NONE)
OXIDE RED		(NONE)
PALE CELADON GREEN		CADMIUM
PEACOCK GREEN		(NONE)
PINK CORAL		(NONE)
PORTRAIT PINK		(NONE)
POZZOLES RED		(NONE)
PROVENCE BLUE		(NONE)
PURE DEEP CADMIUM RED		(NONE)
PURE DEEP CADMIUM YELLOW		CADMIUM
PURE LEMON CADMIUM YELLOW		(NONE)
PURE LIGHT CADMIUM RED		(NONE)
PURE LIGHT CADMIUM YELLOW		CADMIUM
PURE MEDIUM CADMIUM RED		(NONE)
PURE MEDIUM CADMIUM YELLOW		CADMIUM
PURE ORANGE CADMIUM		(NONE)
RAW SIENNA		(NONE)
RAW UMBER		(NONE)
RED COBALT BLUE		(NONE)
RED NAPLES YELLOW		(NONE)
RED OCHRE		(NONE)
RIBAS YELLOW		CADMIUM
SAINT REMY BLUE		(NONE)
SAINT REMY GREEN		(NONE)
SAINT REMY YELLOW		(NONE)
SENOIS BROWN		(NONE)
SENOIS ORANGE		(NONE)
SENOIS RED		(NONE)
SEPIA		(NONE)
SILVER		(NONE)
SKY BLUE		(NONE)
TANNED		(NONE)
TITANIUM ZINC WHITE		(NONE)
TRANSPARENT ORANGE OCHRE		(NONE)
TRANSPARENT YELLOW OCHRE		(NONE)
VAIRON PINK		(NONE)
VAN DYCK BROWN		(NONE)
VENETIAN RED		(NONE)
WATER GREEN		(NONE)
ZINC WHITE		(NONE)

BRAND NAMES

THIS SDS APPLIES TO THE FOLLOWING BRAND NAMES

Brand Name

CHARVIN