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Material Safety Data Sheet

MONOCHROME BLUE

MSDS Number:

Revision 1 Date: 3/8/2016

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1	PRODUCT IDENTIFICATION
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Product Name: MONOCHROME BLUE
Revision Date: 3/8/2016 mixture
CAS Number: Pigment Mixture
Chemical Family: NA
Chemical Formula: Cosmetic use
Product Use:

2	HAZARDS IDENTIFICATION
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Route of Entry: Possible eye, inhalation or skin contact.
Target Organs: None known
Inhalation: Lungs - Prolonged inhalation may cause respiratory irritation, including chronic pulmonary fibrosis with repeated exposure
Skin Contact: None known
Eye Contact: Wear eye protection while handling. Eye contact may cause eye irritation.
Ingestion: None known.
HMIS III: H1/F0/PH0

HMIS III		
HEALTH	<input type="checkbox"/>	1
FLAMMABILITY		0
PHYSICAL HAZARDS		0
PERSONAL PROTECTION T Dust Respirator		

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GHS Labeling:

Not a dangerous substance according to GHS

Other hazards: None known

3	COMPOSITION/INFORMATION ON INGREDIENTS
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Ingredients:

INCI Name	Range %	CAS #	EINECS #
Mica (CI:77019)	37-49	12001-26-2	310-127-6
Titanium Dioxide (CI:77891)	51-59	13463-67-7	236-675-5
Tin Oxide (CI:77861)	0-1	18282-10-5	242-159-0
Ferric Ferrocyanide (CI:77510)	0-3	14038-43-8	237-875-5

4	FIRST AID MEASURES
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Inhalation: Remove victim to fresh air. Seek medical attention if respiratory irritation or distress occurs.

Skin Contact: Wash affected areas with soap and water. Consult physician if irritation persists.

Eye Contact: Flush eyes with water for at least 15 minutes. Consult physician if irritation persists.

Ingestion: Incidental ingestion in cosmetic products such as lipstick may be approved by the FDA, the EU and the Japanese Health Ministry, it is up to the formulating client to determine suitability for any specific application. If large quantities are ingested, do not induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water and get medical aid.

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5	FIRE FIGHTING MEASURES
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Flammability: not combustible
Flash Point: Not applicable Inorganic solids - no flash point possible
Autoignition Temp: NA

6	ACCIDENTAL RELEASE MEASURES
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Vacuum or sweep the material into a bag or other sealed container and dispose in accordance with local requirements.

7	HANDLING AND STORAGE
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Handling Precautions: Use with adequate ventilation, avoid eye and inhalation of dust
Storage Requirements: Keep container closed.

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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Engineering Controls: Maintain air concentrations in work spaces in accord with standards outlined in sections 2 and 3.:
Exposure Control and Personal Protection: Common
components with workplace control parameters: Iron Oxide group minerals: OSHA PEL
10 mg/m3 fumes/smoke ACGIH TWA value 5mg/m3 Respirable fraction; Titanium dioxide: OSHA PEL
15 mg/m3 total dust ACGIH TWA value 10 mg/m3; Mica-group minerals: OSHA TWA value 20 millions
of particles per cubic foot of air ACGIH TWA value 3 mg/m3 Respirable fraction
Personal Protective Equip: HMIS PP, T | Dust Respirator

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Blue powder	Odor:	Odorless.
Physical State:	loose powder	Solubility:	Insoluble in water
Particle Size:	1-10 um	Percent Volatile:	< 1.0%
Boiling Point:	NA	Freezing/Melting Pt.:	NA
Flammability:	Not Combustible	Flash Point:	NA
Vapor Pressure:	Not Determined	Vapor Density:	Not Determined
pH:	6.0 – 11.0	Auto-Ignition Temp:	NA > 900C
Bulk Density:	0.10-0.70 (g/ml)		
Loss on drying:	≤ 2.0%		

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10	STABILITY AND REACTIVITY
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Stability: Stable
Conditions to Avoid: Use with adequate ventilation, minimize dust
Materials to Avoid: None known
Hazardous Decomposition: none known
Hazardous Polymerization: None known

11	TOXICOLOGICAL INFORMATION
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Ingestion: Dust may irritate respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long period. Chronic Illness: Chronic inhalation: may cause pulmonary fibrosis. Carcinogenicity: Suspected of causing cancer. IARC has classified TiO₂ as 2B Possibly carcinogenic to humans. However, the only evidence of carcinogenicity is in rats exposed to very high concentrations. Two major epidemiology studies among titanium dioxide workers in the US and in EUROPE could not demonstrate an elevated lung cancer risk.

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This product was not animal tested.

12	ECOLOGICAL INFORMATION
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No environmental hazard is anticipated

13	DISPOSAL CONSIDERATIONS
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Waste Disposal: Dispose in accordance with local, state and federal laws as a non-hazardous, non-VOC cosmetic raw material.

14	TRANSPORT INFORMATION
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Road shipment information (US 49 CFR 172.101 and EU ADR)

NON-BULK
Proper Shipping Name: Not regulated
BULK
Proper Shipping Name: Not regulated

TRANSPORTATION INFORMATION-IMO/IMDG CODE (OCEAN)

Not subject to IMDG code.

TRANSPORTATION INFORMATION-ICAO/IATA (AIR)

Not subject to IATA regulations.

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15	REGULATORY INFORMATION
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EINECS Status : On the inventory, or in compliance with the inventory

TSCA Status : On the inventory, or in compliance with the inventory: AICS Status : On the inventory, or in compliance with the inventory DSL Status : On the inventory, or in compliance with the inventory: ENCS (JP) Status : On the inventory, or in compliance with the inventory: KECI (KR) Status : On the inventory, or in compliance with the inventory: PICCS (PH) Status : On the inventory, or in compliance with the inventory: INV (CN) Status : On the inventory, or in compliance with the inventory
USA

SARA 313 Regulated Chemical(s) This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65: Warning! This product may contain one or more chemicals known to the State of California to cause cancer. : Titanium dioxide- "airborne, unbound particles of respirable size." The listing is not applicable to titanium dioxide when it remains bound within a product matrix.

Warning: this product may contain trace chemicals (<10ppm Lead (Pb); <2ppm Arsenic (As); and <2ppm Mercury (Hg)) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm. The level of such chemicals complies with all Federal requirements under the Food, Drug and Cosmetic Act for safety and effectiveness.

PA Right to Know Regulated Chemical(s): Possible substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): Titanium dioxide , Silicon dioxide, amorphous

NJ Right to Know Regulated Chemical(s) : Possible substances on the New Jersey Workplace Hazardous Substance List present at a concentration of 1% or more (0.1% for substances identified as carcinogens, mutagens or teratogens): Titanium dioxide , Silicon dioxide, amorphous

Label Name: MONOCHROME BLUE

This product has not been tested on animals.

16	OTHER INFORMATION
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This product safety data sheet was prepared to meet compliance with GHS regulations and article 31 and Annex II of the EU REACH Regulation as well as its relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labeling of dangerous substances and preparations.

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