Material Safety Data Sheet

Chrome Pigment

Revision date: 6th Mar. 2022

1. Identification of the Substance/Preparation and the Company/Undertaking

Identification of the substance or preparation:

Product Name:	Chrome pigment
Product Codes:	MCB Series

Use of the substance/preparation:

Effect pigment for cosmetics ,coatings, plastics, inks and other special applications.

Company/undertaking identification:

Urban Nails BV Siberiestraat 69 3900 Pelt Belgium

MSDS request phone number:	+3211811405
E-mail address:	info@urbannails.be
Emergency telephone:	+3211811405

2. Hazards identification

Classification:	NA
Hazards:	NA
Harmful:	Contact with N2040 pi may cause temporary irritation on skin,eyes, throat or nose..
Environmental effect	None known

3. Composition/information on Ingredients

Chemical nature: Glass flake coated with silver.

Chemical Name	CAS No.	CI No.
Flaked glass(Borosilicate)	65997-17-3	
Silver	7440-22-4	
Tin Dioxide	18282-10-5	77861

4. First aid measures

Contact with eyes:	Flush with clear water for at least 15 minutes—seek medical attention for prolonged pain.
Contact with skin:	Do not rub. Rinse contacted areas with room temperature to cool water, then wash gently with mild soap. Taking a bath is effective for removing N2040.
Inhalation:	Rinse out your mouth with water about 10 times. Also,blow your nose lightly. If itching or pain persists in your nose or throat, consult physician.
Swallowing:	First induce vomiting to get rid of it. Then rinse your mouth with water. If you fail to vomiting it up, consult physician.

5. Fire fighting measures

Extinguish method:	Usual fire fighting.
Extinguish media:	Water,carbonic acid gas,fonm,dry chemicals and powder are all effective with N2040. Choose appropriate media depending on the environment.
Others:	N2040 itself is not flammable.

6. Accidental release measures

Steps to be taken if material is released or spilled:	Sweep or vacuum up it quickly and carefully to prevent dust from scattering and throw it away as general industrial waste.

7. Handling and storage

Handling:	As with all industrial chemicals, use good industrial practices when handling. Use with adequate local ventilation. Use absorption system when dust is produced.
Storage:	Keep container tightly closed in a cool, well ventilated dry place.

8. Exposure controls/personal protection

Glass flake dust:	TLV(R) 5 mg/m^3 [ACGIH(1997)] OSHA PRL(8—hr TWA) None Established (5 mg/m^3 respirable nuisance dust)
Respiratory Protection:	If glass flake dust levels are high, respiratory protection for nuisance dust should be provided.
Ventilation	Mechanical, general, or local exhaust may be required in some operations.
Personal protective equipment:	
Respiratory protection:	Wear a respirator type FFP2(EN149:2001)
Hand protection:	Chemical resistance protective gloves.
Eye/face protection:	Safety glasses with side-shields (frame goggles).
Skin protection:	Suitable work clothes.

9. Physical and chemical properties

Physical State:	Solid
Appearance:	Flake particle
Odor:	None
Melting point:	Glass approx,700℃
Freezing point:	Not applicable
Vapor pressure:	Not applicable
Solubility in water:	Insoluble in water.
Density:	2.8 ~ 3.1 g/cm3 (ISO 787-10)
PH value:	7 ~ 11 (ISO 787-9)
Conductivity:	< 150 μs/cm (ISO 787-14)
Bulk density:	48 ~ 56 g/100ml (DIN 53466)
Particle size:	20 -100 μm (Micalor-PT-Malvern)
Oil Absorption:	65 ~ 75 g/100g (ISO 787-5)
Loss on drying:	< 0.5 % (ISO 787-2)

10. Stability and reactivity

Stability:	Stable under normal conditions.
Conditions to avoid:	None
Shock sensitivity:	Product is not explosive when subjected to mechanical impact.
Friction sensibility:	Product is not explosive when subjected to friction.
Materials to avoid:	None
Hazardous decomposition product:	No decomposition expected under normal storage conditions.

11. Toxicological information

Corrosive for skin:	None known.
Irritation(skin, eye):	Unlikely to occur. Direct contact will causes mechanical irritation.
Sensitization:	None known.
Acute toxicity(Ldso and Others):	None known.
Sub-acute toxicity:	None known.
Carcinogenicity	None known.
Mutagenic	None known
Reproductive toxicity	None known
Teratogenic	None known
Others	None known

12. Ecological information

General information: No environmental hazard is anticipated provided that the material is handled and disposed with due care and attention.

13. Disposal considerations

Disposal procedures for solid waste in accordance with local, state, and federal regulations.

14. Transport Information

Not subject to transport regulations.
The packing should be sound and puncture-proof, press-proof and damp-proof during transportation

15. Regulatory information

Declaration: Classification not required.

16. Other information

Change to the last edition: 1st edition of the MSDS for this product. 6th Mar, 2009.

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