

Chroma Dust No.2 Chromantic

Revision date: 01/01/2017

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

Identification of the substance or preparation:

Product Name: Chromantic
Product Codes: N2080

Use of the substance/preparation:

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

Company/under taking identification:

Company: Beauty Hair Products Ltd.
Add: 34 Lumina Way, Enfield, London, EN1 1FS
MSDS request phone number: +44 208 365 1300
Contact: info@beautyhair.co.uk, www.chromagel.co.uk

2. Hazards identification

Classification: NA
Hazards: NA
Harmful: Contact with Chromantic 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	CASNo.	CINo.	% (w/w)
Flaked glass	65997-17-3		90~95
Silver	7440-22-4		5~10
Tin Dioxide	18282-10-5	77861	<1

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 Chromantic

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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 vomit it up, consult physician.

5. Firefighting measures

Extinguish method:

Usual fire fighting.

Water, carbonic acid gas, foam, dry chemical sand powder are all effective

Extinguish media:

with Chromantic. Choose appropriate media depending on the environment.

Others:

Chromantic itself is not flammable.

6. Accidental release measures

Steps to be taken if material is

Sweep or vacuum up it quickly and carefully to prevent dust from scattering

Released or spilled:

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) 5mg/m³ [ACGIH(1997)]

OSHA PRL(8—hr TWA) None Established

(5mg/m³ 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.

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9. Physical and chemical properties

<i>Physical State:</i>	<i>Solid</i>
<i>Appearance:</i>	<i>Flake particle</i>
<i>Odor:</i>	<i>None</i>
<i>Melting point:</i>	<i>Glass approx, 700 °C</i>
<i>Freezing point:</i>	<i>Not applicable</i>
<i>Vapor pressure:</i>	<i>Not applicable</i>
<i>Solubility in water:</i>	<i>Insoluble in water.</i>
<i>Density:</i>	<i>2.8~3.2g/cm³(ISO787-10)</i>
<i>PH value:</i>	<i>7~10(ISO787-9)</i>
<i>Conductivity:</i>	<i><150μs/cm(ISO787-14)</i>
<i>Bulk density:</i>	<i>38~46g/100ml(DIN53466)</i>
<i>Particle size:</i>	<i>50~200um(Malvern)</i>
<i>Oil Absorption:</i>	<i>65~75g/100g(ISO787-5)</i>
<i>Loss on drying:</i>	<i><0.5%(ISO787-2)</i>

10. Stability and reactivity

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

11. Toxicological information

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

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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. 9th April, 2014.

Disclaimer:

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knowledge. No guarantee or warranty of any kind, expressed or implied, is
made with respect to this information. Users of our product are responsible
for determining product suitability and for observing existing laws and
regulations.*