



Material Safety Data Sheet: Copper Chrome Effect Powder, Bronze Effect Chrome Powder

According to EC Regulation 1907/2006 (REACH), 1272/2008 (CLP) & 453/2010
Date of issue: 07.09.2011 – Version: EU_EN/2 – Print date: February 2014

Section 1 – Identification of the Substance/Preparation and of the Company Undertaking

Product Name: Lecenté Copper Chrome Effect Powder
Lecenté Bronze Chrome Effect Power

MSDS Initial Approval
Date: 6/21/2016

Usage: Cosmetic Colouring Ingredient

Manufacturer: Nail Perfection Ltd, Unit 15, Canal Industrial Park, Canal Road, Gravesend, Kent. DA12 2PA.

Emergency Phone Numbers: +44 1474 327770

Product #: **Chrome 5, Chrome 6**

Information Contacts: +44 1474 327770

Section 2 – Hazard Identification

Classification of the substance or mixture

According to Regulation (EC) No. 1272/2008(CLP):
According to Directive 67/548/EEC & Directive 1999/45/EC:
Additional information:

not classified
not classified
not available

Label elements

GHS label elements:
Hazard pictogram(s):
Signal word(s):
Hazard statement(s):
Precautionary statement(s):
Other hazards:

not applicable
not applicable
not applicable
not applicable
not applicable
not known

Section 3 - Composition/information on ingredient

Chemical family: mica - iron oxide.. Contains no hazardous ingredients

Common chemical name	CAS No.	EINECS No.	Colour Index	Chemical composition	Hazard classification According to directive 67/548/EEC & Directive 1999/45/EC, Regulation (EC) No. 1272/2008(CLP)
Mica	12001-26-2	310-127-6	77019	67-71	Not classified
Iron oxide	1309-37-1	215-168-2	77491	29-33	Not classified

Section 4 First Aid Measures

Description of first aid measures

Inhalation: in case of accident by inhalation:
Skin contact:
Eye contact:

remove causality to fresh air and keep at rest
wash affected skin with plenty of water
if contact with eyes directly, flush with gently flowing fresh water thoroughly; If eye irritation persists, get medical advice/attention
Ingestion: if ingested, wash out mouth with water, drink milk/egg white
no special measures are required

Notes to physician:



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Section 4 First Aid Measures Cont...

Most important systems and effects,

Both acute and delayed

Acute:

none

Long term (repeated):

may cause irritation to the respiratory system. Cough. Increased difficulty in breathing

Indication of immediate medical attention and special treatment needed

Recommended:

- a. Chest X-ray
- b. Lung functionality tests

Section 5 – Fire Fighting Measures

Extinguishing media

Suitable extinguishing media:

extinguish with water spray, foam or dry chemical

Unsuitable extinguishing media:

carbon dioxide

Special hazards arising from the substance or mixture

Thermal hazards:

non-combustible. None anticipated

Advice for fire-fighters:

fire fighters should wear complete protective clothing including self-contained breathing apparatus

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions:

do not breathe dust

Personal protection equipment:

wear appropriate personal protective equipment, avoid direct contact a self contained breathing apparatus and suitable Protective clothing should be worn in fire conditions

In case of emergency:

Environmental precautions:

do not allow to enter drains, sewers or watercourses

Methods and material for Containment

collect mechanically and dispose of according to Section 13. Use vacuum equipment

And cleaning up:

for collecting spilt materials, where practicable Reference to other sections: see sections 8 and 13

Section 7 – Handling & Storage

Precautions for safe handling:

avoid breathing dust

Conditions for safe storage including any

keep container in a well ventilated place

Incompatibilities:

Specific end use(s):

not known

Section 8 – Exposure Controls/Personal Protective Equipment

Control parameters:

provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures

Exposure limit values:

not known

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Section 8 – Exposure Controls/Personal Protective Equipment Cont...**Exposure controls**

Appropriate engineering controls:

provide adequate ventilation to ensure that the occupational exposure limit is not exceeded. Isolate the dispersive process step away from other operations. This can be achieved by local exhaust ventilation or general ventilation

Individual protections measures, such as personal protective equipment (PPE)

Hand/eye/face protection:

wear gloves, eye protection and an approved dust mask if dust is generated during handling. Goggles giving complete protection to eyes. Dust mask covering nose and mouth

Skin protection:

apron or other light protective clothing, boots and plastic or synthetic rubber gloves

Respiratory protection:

dust mask covering nose and mouth

Thermal hazards:

none

Environmental exposure controls: avoid dust generation.

Avoid accumulation of dust

Section 9 – Physical & Chemical Properties

Form:

powder

Colour:

Brown variants

Odour:

odourless

PH:

6.0-9.0 (4% H₂O)

Boiling point, °C:

not applicable

Melting point, °C:

decomposes

Freezing point, °C:

not applicable

Density:

2.9-3.0 kg/L

Bulk density:

16-20 g/100g

Vapour pressure:

not applicable

Solubility (in water):

insoluble

Particle size:

10-100µm

Section 10 – Stability and Reactivity

Reactivity:

there may be violent or incandescent reaction of the product with metals at high temperatures

Chemical stability:

(e.g., aluminium; calcium; magnesium; potassium; sodium; zinc; lithium) stable under normal conditions

Possibility of hazardous reactions:

none

Conditions to avoid:

high temperature

Incompatible materials:

strongly acidic, strongly alkaline, oxidizing agents

Decomposition products:

no information available

Section 11 – Toxicological Information

This inorganic pigment in general is considered to be practically nontoxic.

Acute toxicity:

not available

Carcinogenicity:

not available



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Section 12 – Ecological Information

Toxicity: no data
 Persistence and degradability: insoluble in water. This product is predicted not to degrade in soil and water

Section 12 – Ecological Information Cont...

Bio accumulative potential: no data
 Mobility in soil: not applicable
 Results of PBT and vPvB assessment: not applicable
 Other adverse effects: not known

Section 13 – Disposable Considerations

Waste treatment methods: dispose of contents in accordance with local, state or national legislation

Section 14 – Transport Information

Not classed as dangerous for transport.

International Transport Regulations	ADR/RID	ADN	IMDG	ICAO/IATA
UN number	Not applicable	Not applicable	Not applicable	Not applicable
Proper shipping name	Not applicable	Not applicable	Not applicable	Not applicable
Transport hazard class(es)	Not applicable	Not applicable	Not applicable	Not applicable
Packing group	Not applicable	Not applicable	Not applicable	Not applicable
Environmental hazards	None	None	None	None
Special precautions for user	None	None	None	None
Transport in bulk according to AnnexII of MARPOL 73/78 and The IBC Code	Not applicable	Not applicable	Not applicable	Not applicable

Section 15 – Regulatory Information

According to Directive 67/548/EEC & Directive 1999/45/EC: not classified as dangerous for supply/use
 Safety, health and environmental regulations/legislations specific for the substance or mixture: not available

16. OTHER INFORMATION

Annex to the extended Safety Data Sheet (eSDS)
 ADR: European Agreement concerning international carriage of Dangerous goods by Road
 CAS: Chemical Abstracts Service
 EC: European Community
 ICAO: International Civil Aviation Organization
 IMDG: International Maritime Dangerous Goods
 IATA: International Air Transport Association

DATA SOURCES

NPIRI Raw Material Handbook, Volume 4, Pigments, Second Edition, 2001
 Book on "Safe Handling of Pigments", European Edition 1995, BCMA, EPSOM ETAD, VdMi



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16. OTHER INFORMATION Cont...

HSDB
NIOSH ICSC

Hazardous Substance Fact Sheet, New Jersey Department of Health and Senior Service

We have described our product concerning possible safety requirements by the abovementioned information given to the best of our knowledge and experience. All data given are never meant to guarantee any quality description nor product properties