

## Material Safety Data Sheet: Silver effect chrome powder

Issue Date: 07/09/2011

According to Regulation (EC) No. 1907/2006

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

**Product Name:** Lecenté Silver Chrome Effect Powder      MSDS Initial Approval  
Date: 07/09/2011  
**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 #: SEC89523      **Information Contacts:** +44 1474 327770

### Section 2 – Hazard Identification

2.1 Hazard description: *Not applicable*

2.1.1 Classification according to Regulation EC No 1272/2008 (CLP) *The product is not classified*

2.1.2 Classification according to Regulation EC No 67/548/EEC *The product is not classified*

#### 2.2 Label elements

2.2.1 Label elements according to Regulation EC No 1272/2008 (CLP) *Not required*

2.2.2 Label elements according to Regulation EC No 67/548/EEC *Not required*

2.3 Information concerning particular hazards for human and environment: *Not applicable*

2.4 Classification system: *The classification is according to the latest editions of the EU-list, and extended by company and literature data.*

### Section 3 - Composition/information on ingredients

Chemical Identity	CAS Numbers	EINECS#	CI Number	Chemical Composition
Calcium-aluminium borosilicate	65997-17-3	266-046-0		89-97
Silver AG	7440-22-4	231-131-3	77820	3-11

### Section 4 First Aid Measures

4.1 General information:

Take affected persons out into the fresh air.

4.2 After inhalation: Supply fresh air; consult doctor in case of complaints.

4.3 After skin contact: Wash affected area with water.

4.4 After eye contact: Rinse opened eye for several minutes under running water.

4.5 After swallowing: Wash mouth with water. Drink milk or egg whites to dilute.

4.6 Long term effects: may cause irritation to respiratory system. Increased coughing and breathing difficulty.

Indication of immediate medical attention and special treatment: Chest X-ray, lung functionality test.

### Section 5 – Fire Fighting Measures

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

Extinguish with water, foam or dry chemical. Do not extinguish with Carbon Dioxide/

Thermal hazards – non-combustible

### Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures.

6.1 Person-related safety precautions: Do not breathe dust

6.2. Personal protection equipment: wear appropriate personal protective equipment, avoid direct contact

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6.3. in case of emergency: a self contained breathing apparatus and suitable protective clothing should be worn in fire conditions

6.4. Environmental precautions: do not allow to enter into drains, sewers or watercourses

6.5 Methods and material for containment and cleaning: collect mechanically and dispose of according to section

13. Use vacuum equipment for collection split materials where possible.

### Section 7 – Handling & Storage

#### 7. Information for safe handling:

Any unavoidable deposit of dust must be regularly removed. Prevent formation of dust.

7.1. Precautions for safe handling: avoid breathing dust

7.2. Conditions for safe storage including any incompatibilities: keep container in a well ventilated place

### 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 exposure

Exposure limit values: not known

#### Exposure controls

Appropriate engineering controls: provide adequate ventilation to ensure that the occupational exposure limit is not Exceeded. Isolate the dispersive process and step away from other operations. This can be achieved by local exhaust ventilation of general ventilation.

#### Individual protections measures, such as 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

### Section 9 – Physical & Chemical Properties

#### 9.1 Information on basic physical and chemical properties

1. Form	Powder
2. Colour	Silver
3. Odour	Odourless
4. pH	6.0-9.0 (4% H2O)
5. Melting point	No information available.
6. Boiling point	No information available.
7. Freezing point	Not applicable
8. Density	3.1-3.5kg/L
9. Bulk density	12-18/100g
10. Loss on drying	<0.5 (105 °C)
11. Vapour pressure	No information available.
12. Solubility in water	Insoluble



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**Section 10 – Stability and Reactivity**

Reactivity	There may be violent or incandescent reaction of this product with metals at high temperatures (e.g., aluminium, zinc, sodium, potassium, magnesium, calcium).
Chemical Stability	Stable under normal conditions
Possibility of hazardous reactions	None
Conditions to avoid	High temperature
Incompatible materials	Strongly acidic, strongly alkaline, oxidising agents
Decomposition products	No information available

**Section 11 – Toxicological Information**

Information on toxicological effects

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

Acute toxicity: not available

Carcinogenicity: not available

**Section 12 – Ecological Information**

Additional ecological information:

General notes: Generally not hazardous for water.

**Section 13 – Disposable Considerations**

Waste treatment methods

Dispose of in accordance with all applicable federal, state and local regulations. Material may be sent to an approved landfill or licensed treatment, storage and disposal facility.

**Section 14 – Transport Information**

Not classified as dangerous in the meaning of transport regulations.

**Section 15 – Regulatory Information**

According to Directive 67/548/EEC & Directive 1999/45/EC: not classified as dangerous for supply or use.

Safety, health and environmental regulations/legislations specific for the substance or mixture: not available