

# Material Safety Data Sheet

Industrie- en Handelonderneming Superstar B.V.

19-05-2019

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## 1. Chemical product and company identification.

Description: Cosmetic Bio-Glitter

Product type: Decorative Material for use in cosmetic products.

Distributor,

Company name: Superstar B.V.

Company address: Florijnstraat 12, 4903 RM, Oosterhout, The Netherlands

Telephone: +31162457400

Poison control centre: Tel. +3109000388 (The Netherlands)

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## 2. Composition, information on ingredients.

Ingredients:

Cellulose, Glycerin, Aqua, Urea, Styrene/Acrylate Copolymer, CI 15850 D&C Red 7, CI 11710 Yellow 3, CI 77266 Black 7, CI 77891 White 6, CI 74160 Blue 15, CI 77000 Aluminium.

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## 3. Hazards identification.

"This Safety Data Sheet is prepared voluntarily: it is not required according to Article 31 of Regulation (EC) No. 1907/2006."

### 3.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]: Not classified

Classification according to EU Directives 67/548/EEC or 1999/45/EC: Not classified

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## 4. First Aid Measures.

**INGESTION:** Cellulose films are non-toxic. However, in the unlikely event of ingestion of cellulose film, flake or dust particles it is recommended that medical advice be sought.

**INHALATION:** Cellulose powder is considered to be a chemically inert, low toxicity dust not normally dangerous to health, although high concentrations in the air may cause a nuisance. Seek medical attention for any breathing difficulties.

**SKIN:** No known cases of dermic symptoms have been associated with personnel handling cellulose films. In the event of such an extreme case, the use of barrier creams and protective gloves should eliminate such problems. If irritation persists the personnel concerned should be removed from the environment and seek medical advice. Wash the skin with soap and water.

**EYES:** Cellulose flake or dust particles are not dangerous, but may cause eye irritation due to their mechanical action. In special cases the use of a protective face mask or eye

goggles may be advisable. In the event of cellulose flake or dust particles contacting the eyes, flush eyes with water. If eye irritation persists seek medical advice.

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## **5. Fire Fighting Measures.**

### 5.1 Suitable Extinguishing Media:

Fires involving cellulose films can be dealt with using any commonly available fire extinguisher, although restrictions may be imposed by the presence of other materials such as flammable solvents or electrical equipment. It is advisable in such situations to obtain advice from the local Fire Authority.

### 5.2 Special hazards arising from the substance or mixture:

Bio-glitter® satisfies the requirements of EN71-2:2011 Safety of Toys – flammability. If cellulose films are involved in a fire, they will continue to burn freely provided sufficient oxygen is present and even if the source of the ignition is removed. Regenerated cellulose films generate little smoke under conditions of free air supply. The major constituents of the fumes evolved are:  
carbon dioxide, carbon monoxide and water vapour  
Cellulose films should not be used for decorative purposes in areas prone to fire risk.

### 5.3 Advice for firefighters:

Wear self-contained breathing apparatus for firefighting.

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## **6. Accidental Release Measures.**

### 6.1 Personal precautions:

Wear protective equipment.  
Keep unprotected persons away.  
Avoid formation of dust

### 6.2 Environmental precautions:

None.

### 6.3 Methods for cleaning up:

Pick up manually or vacuum.

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## **7. Handling and Storage.**

### 7.1 Precautions for Safe Handling:

No known cases of dermic symptoms have been associated with personnel handling cellulose

films. In the event of such an extreme case, the use of barrier creams and protective gloves should eliminate such problems.

#### 7.2 Conditions for safe storage including any incompatibilities:

No special measures required  
Store in a cool dry place in tightly closed containers.

#### 7.3 Specific end uses:

None

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### **8. Exposure Controls / Personal Protection.**

#### 8.1 Control Parameters:

These products do not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.

(ref: EH40/2005 as consolidated with amendments Oct 2007)

National exposure control limits must be considered where appropriate.

#### 8.2 Exposure Controls:

Airborne concentrations of Bio-glitter® must be kept below the normal recommended levels for inert powders. The UK Health & Safety Executive Regulatory Authorities and the American Conference of Government Industrial Hygienists, (ACGIH), quote Occupational Exposure Limits, (OEL), of 10mg/m<sup>3</sup> 8-hour Time Weighted Average (TWA) for inhalable dust and 5mg/m<sup>3</sup> 8-hour Time Weighted Average (TWA) for respirable dust. In the event of a process creating significant quantities of flake or dust particles, precautions must be taken to avoid inhalation and the use of a filter mask may be advisable.

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### **9. Physical and Chemical Properties.**

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

- a) Appearance: Solid flakes
- b) Odour: mild characteristic
- c) Odour threshold: no data available
- d) pH: no data available
- e) Melting point/freezing point: 260°C
- f) Initial boiling point and boiling range: no data available
- g) Flash point: no data available
- h) Evaporation rate: no data available
- i) Flammability (solid, gas): no data available
- j) Upper/lower flammability or explosive limits: no data available
- k) Vapour pressure: no data available
- l) Vapour density: no data available
- m) Relative density: 1.45 g/cm<sup>3</sup> at 20°C
- n) Water solubility: insoluble
- o) Partition coefficient: n octanol/water no data available
- p) Autoignition temperature: not self igniting

- q) Decomposition temperature: no data available
  - r) Viscosity: no data available
  - s) Explosive properties: does not present explosive hazard
  - t) Oxidizing properties: no data available
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## 10. Stability and Reactivity.

### 10.1 Reactivity:

no data available

### 10.2 Chemical stability:

no data available

### 10.3 Possibility of hazardous reactions:

no data available

### 10.4 Conditions to avoid:

Avoid contact with acids, alkalis and strong oxidizing agents.

### 10.5 Incompatible materials:

no data available

### 10.6 Hazardous decomposition products:

no data available

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## 11. Toxicological Information.

### 11.1 Information on toxicological effects.

Acute toxicity: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Potential health effects: no data available

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

#### Additional Information

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

The substance is not subject to classification according to the latest version of the EU lists.

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## 12. Ecological Information.

### 12.1 Toxicity:

no data available

### 12.2 Persistence and degradability:

Biodegradable

### 12.3 Bio accumulative potential:

no data available

### 12.4 Mobility in soil:

no data available

### 12.5 Results of PBT and vPvB assessment:

no data available

### 12.6 Other adverse effects:

no data available

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## 13. Disposal Consideration.

### 13.1 Waste product:

Cellulose films are water insoluble, ground and ground-water neutral, effectively non-toxic solids which present no environmental hazards. The disposal of Bio-glitter® in supervised compost sites is clean and effective and will result in biodegradation in the presence of suitable micro-organisms and favourable conditions. An alternative method of disposal involves incineration which regenerates the energy content of the material. Advice on the preferred method of disposal should be obtained from your Local Authority Waste Disposal Officer.

### 13.2 Used packaging material:

Containers may be recycled or re-used. Observe local/state/federal regulations.

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#### **14. Transport Information.**

Not restricted for transport.

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#### **15. Regulatory Information (Selected Regulations).**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

no data available

15.2 Chemical Safety Assessment:

no data available

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**Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date compiled. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.**