



SHINING SILVER BIO-GLITTER SAFETY DATA SHEET

SECTION 1: MATERIAL & SUPPLY COMPANY IDENTIFICATION

1.1 Product Identifiers

Product Name: Shining Silver Biodegradable Glitter
Recommended Use: Decorative Material for use in cosmetic products.
Restrictions on Use: Unknown
Chemical Name:
CAS Number.: 25038-59-9, 30965-26-5, 9051-89-2, 9011-14-7

1.2 Relevant identified uses of the substance or mixture

Decorative Material for use in cosmetic products.

1.3 Supplier Details

Supplier: Heirloom Body Care Pty Ltd
Address: Unit 9, 28 Coombes Drive Penrith NSW 2750 Australia
Telephone: 02 4722 2123
Fax: 02 4722 2904

1.4 Information in case of emergency

Poisons Information Centre 13 11 26

SECTION 2: HAZARD IDENTIFICATION

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

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Not classified

2.2. Label elements

Labeling according to Regulation (EC) No 1272/2008 [CLP]

None

2.3. Other hazards

The substance is generally considered as not hazardous, but as per most organic powders dust generated in large quantities through downstream activities may create a hazardous condition. If exposed to an ignition source the substance dust may burn. Airborne dust in large concentrations when exposed to an ignition source may present an explosion hazard.

SECTION 3: PRODUCT COMPOSITION

Description of Material: particles of coated biodegradable film

May contain the following

EINECS N°	CAS N°	Colour INDEX N°	Chemical name	Conc. (% w/w)	Hazard class and category code	Hazard statement
270-493-7	68442-85-3	n.a.	Rayon (Cellulose Regenerated)	72.0%	None	None
200-289-5	56-81-5	n.a.	Glycerin	11.0%	None	None



231-791-2	7732-18-5	n.a.	Aqua	6.0%	None	None
200-315-5	57-13-6	n.a.	Urea	3.0%	None	None
232-549-9	9000-59-3	n.a.	Shellac	c.4.0%	None	None
PIGMENTS USED						
-	12001-26-2	-	Mica	c. 2%	None	None
234-426-5	12003-38-2	-	Synthetic Fluorophlogopite	c. 2%	None	None
236-675-5	13463-67-7	77891	Titanium Dioxide	0 - 3%	None	None
215-721-8	1345-25-1	77491	Iron Oxide	0 - 3%	None	None
237-875-5	14038-43-8	77510	Ferric ferrocyanide	0 - 3%	None	None
242-159-0	18282-10-5	77861	Tin Oxide	0 - 3%	None	None
231-545-4	7631-86-9	-	Silicone Dioxide	0 - 3%	None	None

SECTION 4: FIRST AID

4.1 Description of first aid measures

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.
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.
Skin Contact	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.
Eye Contact	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
Other Notes	Treat according to symptoms.
General Advice	First aid followed by medical attention.

4.2 Most Important Symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media:



Fires involving cellulose powders can be dealt with using water, 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.

Unsuitable Extinguishing media:

For bulk powder fires avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture.

5.2 Special hazards arising from the substance or mixture:

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.

Bioglitter™ satisfies the requirements of EN71-2:2011 Safety of Toys – flammability.

5.3 Advice for firefighters:

Wear self contained breathing apparatus for fire fighting.

SECTION 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:

Sweep up manually with brush and shovel avoiding generation of dust clouds.

SECTION 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:

Cellulose dust is flammable and under some circumstances, in bulk quantities, can form explosive clouds in the air.

Store in a cool dry place in the original tightly closed containers.

7.3 Specific end uses:

None

SECTION 8: EXPOSURE CONTROLS AND 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 Cosmetic Bioglitter 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/m³ 8 hour Time Weighted Average (TWA) for inhalable dust and 5mg/m³ 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

Appearance	Solid Flakes
Colour:	Iridescent, Various
Odour:	mild characteristic
Odour Threshold	No Data
pH	No Data
Melting point/freezing point	260°C
Initial Boiling point and boiling range:	No Data
Flash point:	No Data
Evaporation Rate	No Data
Flammability	No Data
Vapour pressure:	No Data
Vapour Density (air = 1):	No Data
Relative Density:	1.45g/cm ³ at 20°C
Water Solubility	Insoluble
Partition Coefficient: n octanol/water	No Data
Auto ignition T°C:	Not self igniting
Decomposition temperature:	No Data
Viscosity:	No Data
Explosive properties	Possible dust explosion risk in bulk
Oxidising properties	No Data

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Not reactive under stated conditions for use and storage

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

SECTION 11: TOXICOLOGICAL INFORMATION

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	no data available

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
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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.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Not ecotoxic to fish or other aquatic life.

(Ecotoxicity in aquatic environments is part of the OK Biodegradable WATER Certification process)

12.2 Persistence and degradability



Certified OK Biodegradable Water – TÜV Austria

12.3 Bioaccumulative 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

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste product

Cellulose films are water insoluble, ground and ground-water neutral, effectively non-toxic biodegradable solids which present no environmental hazards.

The disposal of Cosmetic Bio Glitter Range in supervised compost sites is clean and effective and will result in biodegradation in the presence of suitable microorganisms 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 reused. Observe local/state/federal regulations.

SECTION 14: TRANSPORT INFORMATION

Not restricted for transport.

SECTION 15: REGULATORY INFORMATION

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

SECTION 16: OTHER INFORMATION

The information and recommendations contained herein are based on current available data and believed to be accurate and given in good faith; Heirloom Body Care Pty Limited. makes no warranty, either express or implied, including fitness and merchantability. Users should consider this data only as a supplement to other information available from all sources, and should incorporate these into programs for the proper use and disposal of these materials and the health and safety of employees and customers.

End of GHS Safety Data Sheet