



**GLITTER UNIQUE**  
1032 N. Crooks Rd. Suite M  
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Tel: 248-825-9694  
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According to Regulation (EU) 2015/830

Date of Issue: 07.09.2022– Version: EU\_EN/2 – Print date: February 2023

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## **SAFETY DATA SHEET**

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### **SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

#### **Product Identifier**

Trade Name : Platinum Silver Flakes

#### **Relevant Identified Uses of the Substance/Mixture and Uses Advised Against**

Uses of the Substance/Mixture : Not Known

Uses Advised Against : Coloring agent

#### **Details of the Supplier of the Safety Data Sheet**

Distributor : Glitter Unique

### **SECTION 2 - HAZARD IDENTIFICATION**

#### **Classification of the Substance/Mixture**

According to Regulation (EC)

No.1272/2008(CLP) : No hazardous product as specified in Directive  
Regulation (EC) No1223/2009

According to Directive 67/548/EEC &

Directive 1999/45/EC : Not Classified

Additional Information : Not Available

#### **Label Elements**

GHS label elements : Not Applicable

Hazard pictogram(s) : Not Applicable

Signal word(s) : Not Applicable

Hazard statement(s) : Not Applicable

Precautionary statement(s) : Not Applicable

Other hazards : Not known



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### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Common Chemical Name	% (by weight)	CI No.	CAS No.
Calcium Aluminum Borosilicate	72-80		65997-17-3
Silver	20-28	77820	7440-22-4
Tin Dioxide	<1	77861	18282-10-5

### SECTION 4 - FIRST AID MEASURE

#### Description of First Aid Measure

In case of Accident by:

Inhalation : Get some fresh air, consult doctor in the event of any complaints

Skin Contact : Wash with water

Eye Contact : Rinse out with water

Ingestion : Wash out with water, drink milk or egg white. Consult doctor if feeling unwell

Notes to Physician : No special measures are required

Other notes : Treat according to symptoms

#### Most important systems and effects

Acute : None



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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 test

**SECTION 5 - FIREFIGHTING MEASURE**

**Extinguishing Media**

Suitable Extinguishing Media : Extinguish with water spray, foam or dry chemical  
Unsuitable Extinguishing Media : Carbon dioxide

**Special Hazards Arising from the Substance/Mixture**

Thermal Hazards : Noncombustible. Non Anticipated  
Advice for Firefighters : Firefighters should wear complete protective clothing  
including self-contained breathing apparatus

**SECTION 6 - ACCIDENTAL RELEASE MEASURE**

**Personal Precautions, Protective Equipment and Emergency Procedures**

Personal precautions : Avoid inhalation of dust  
Personal protection equipment : Wear appropriate personal protective equipment.  
In case of emergency : A self contained breathing apparatus and suitable  
protective clothing should be worn in fire conditions  
Environmental precautions : Do not allow to enter drains, sewers or watercourses



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Methods and material for  
Containment and cleaning up : Collect mechanically and dispose of according to section  
13. Use vacuum equipment for collecting split materials,  
where practicable

Reference to other sections : see sections 8 and 1

### **SECTION 7 - HANDLING AND STORAGE**

Precautions for safe handling : Avoid breathing dust

Conditions for safe storage  
including any incompatibilities : Keep container in a well ventilated place

Specific end use(s) : Not Known

### **SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

Control parameter : Provide adequate ventilation when using the material and  
follow the principles of good occupational hygiene to  
control personal exposures

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 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



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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 AND CHEMICAL PROPERTIES**

Form : Powder

Color : Bright Silver

Odour : Odourless :

Weak Acid and Weak Base : No Data

Boiling Point, °C : No Data

Melting Point, °C : No Data

Freezing Point, °C : No Data

Density : 2.2-3.6g/cm<sup>3</sup>

Bulk Density : 22-38g/100L

Vapour Pressure : No Data

Solubility (in water) : Insoluble

Particle size : 100-600 um

## **SECTION 10 - STABILITY AND REACTIVITY**



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Reactivity	: There may be violent or incandescent reaction of the product with metals at high temperatures (e.g. Aluminum; calcium; magnesium; potassium; sodium; zinc; lithium)
Chemical stability	: Stable under normal conditions
Possibility of hazardous reactions	: None
Conditions to avoid	: High temperature
Incompatible materials	: Strongly acidic, strongly alkaline, oxidizing agents
Decomposition products	: None 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
Routes of Exposure	: Not Available
Dermal	: Not Available
Eye	: Not Available
Respiratory	: Not Available

## **SECTION 12 - ECOLOGICAL INFORMATION**

Toxicity	: No Data
Persistence and Degradability	: Insoluble in water. This product is predicted not to degrade in soil and water
Bio accumulative Potential	: No Data



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Mobility in Soil : Not applicable

Results of PBT and vPvB assessment : Not Applicable

Other adverse effects : Not known

### SECTION 13 - DISPOSAL

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

### SECTION 14 - TRANSPORT INFORMATION

Not classed as dangerous for transport

<b>International Transport Regulations</b>	<b>ADR/RID</b>	<b>ADN</b>	<b>AMDG</b>	<b>ICAO/IATA</b>
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 Users	None	None	None	None
Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC code	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Hazard Label(s)	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Additional Information	Custom tariff No. 32061900			



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## **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/Mixture

: Not Available

Labeling according to EC directives

Symbol

R-Phrases

S-Phrases

: 22

## **SECTION 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

HSDB

NIOSH ICSC

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





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