

SAFETY DATA SHEET

METALLICS

SILVER

1. PRODUCT IDENTIFICATION

TRADE NAME (AS LABELED):	SILVER
SUPPLIER/MANUFACTURER'S NAME:	LEGGARI PRODUCTS, LLC
ADDRESS:	3105 E AINSWORTH AVE WAREHOUSE 5, BAY 2 PASCO, WA 99301
INFORMATION TELEPHONE:	619-369-2640
EMERGENCY TELEPHONE:	800-424-9300

2. HAZARD(S) IDENTIFICATION

CLASSIFICATION OF SUBSTANCE OR MIXTURE

According to Regulation (EC) No. 1272/2008(CLP)	Not Classified
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

3. COMPOSITION/INFORMATION ON 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	61-66	Not classified
Titanium dioxide	13463-67-7	236-675-5	77891	3-4	Not classified
Iron oxide	1309-37-1	215-168-2	77491	29-35	Not classified

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

4. FIRST AID MEASURES

FIRST AID MEASURES FOR DIFFERENT EXPOSURE ROUTES

INHALATION: Remove causality to fresh air and keep at rest

SKIN CONTACT: Wash affected skin with plenty of water

EYE CONTACT: 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 or egg white

Notes to Physician: No special measures are required

MOST IMPORTANT SYSTEMS AND EFFECTS

Both acute and delayed

Actue

Long term (repeated)

None

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

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Recommended

- Chest XRay
- Lung functionality tests

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Suitable extinguishing media

Extinguish with waterspray, foam or dry chemical

Unsuitable extinguishing media

Carbon dioxide

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Thermal hazards

Noncombustible. None anticipated

Advice for firefighters

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

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

Methods and material for Containment and cleaning up

Collect mechanically and dispose of according to Section 13. Use vacuum equipment for collecting spilt materials, where practicable

Reference to other sections

See sections 8 and 13

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

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.

ENVIRONMENTAL EXPOSURE CONTROLS: Avoid dust generation. Avoid accumulation of dust

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Powder
Color:	Silver
Odor:	Odorless
pH:	6.0-9.0 (4% H ₂ O)
Boiling point, °C:	Not applicable
Melting point, °C:	Decomposes
Freezing point, °C:	Not applicable
Density:	2.9-3.0 kg/L
Bulk density:	20-23g/100g
Vapour pressure:	Not applicable
Solubility (in water):	Insoluble
Particle size:	5-100µm

10. STABILITY AND REACTIVITY

Reactivity	There may be violent or incandescent reaction of the product with metals at high temperatures (e.g., aluminium; 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:	No information available

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

12. ECOLOGICAL INFORMATION

TOXICITY:

No data

PERSISTENCE AND DEGRADABILITY:

Insoluble in water. This product is predicted not to degrade in soil and water

BIOACCUMULATIVE POTENTIAL:

No data

MOBILITY IN SOIL:

Not applicable

RESULTS OF PBT AND VPVB ASSESSMENT:

Not applicable

OTHER ADVERSE EFFECTS:

Not known

13. DISPOSAL CONSIDERATION

WASTE TREATMENT METHODS

Dispose of contents in accordance with local, state or national legislation

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 Annex II of MARPOL73/78 and The IBC Code	Not applicable	Not applicable	Not applicable	Not applicable
Hazard label(s)	Not applicable			
Additional information	Custom tariff No. 32061900			

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 Not Available
specific for the substance or mixture

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

