

GARNET SPARKLE MICA MMO (SYNTHETIC) SAFETY DATA SHEET

SECTION 1: MATERIAL & SUPPLY COMPANY IDENTIFICATION

1.1 Product Identifiers

Product Name: Garnet Sparkle Mica MMO
CI Number: 77491

1.2 Relevant identified uses of the substance or mixture

Colouring agent

Uses Advised against Not known

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

2.1 Classification of the substance / preparation

According to Regulation (EC) No. 1272/2008(CLP): not classified
According to Directive 67/548/EEC & Directive 1999/45/EC: not classified

Label elements

GHS label element : 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

SECTION 3: PRODUCT COMPOSITION

3.1 Chemical Identification:

Chemical family: Fluorophlogopite, iron oxide

| 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) |
|-----------------------|------------|------------|---------------|-----------------------|---|
| Fluorophlogopite | 12003-38-2 | 234-426-5 | | 77-83 | Not classified |
| Iron oxide | 1309-37-1 | 215-168-2 | 77491 | 17-23 | Not classified |

3.2 Hazardous Components:

Contains no hazardous ingredients.



SECTION 4: FIRST AID

4.1 Description of first aid measures

| | |
|----------------------|---|
| Eye Contact: | <ul style="list-style-type: none">▪ If contact with eyes directly, flush with gently flowing fresh water thoroughly.▪ If eye irritation persists, get medical advice/attention |
| Skin Contact: | <ul style="list-style-type: none">▪ Wash affected skin with plenty of water |
| Inhalation: | <ul style="list-style-type: none">▪ Remove causality to fresh air and keep at rest |
| Ingestion: | <ul style="list-style-type: none">▪ If ingested, wash out mouth with water▪ Drink milk or egg white |

4.2 Indication of immediate medical attention and any special treatment required

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

Recommended:

- Chest XRay
- Lung functionality tests

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Suitable extinguishing media: extinguish with water spray, foam or dry chemical

Unsuitable extinguishing media: carbon dioxide

5.2 Special hazards arising from the substance or mixture

Thermal hazards: non-combustible. None anticipated.

| | |
|------------------------------|---|
| Fire Fighting | <ul style="list-style-type: none">▪ Fire fighters should wear complete protective clothing including self-contained breathing apparatus |
| Fire/Explosion Hazard | <ul style="list-style-type: none">▪ Non-combustible. None anticipated |
| HAZCHEM | Not Applicable |

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 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.

6.2 Environmental precautions

Do not allow to enter drains, sewers or watercourses.

6.3 Methods and materials for containment and cleaning up

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

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

| | |
|--------------------------|--|
| Safe handling | <ul style="list-style-type: none">▪ Avoid breathing dust |
| Other information | <ul style="list-style-type: none">▪ None. |

7.2 Conditions for storage

| | |
|--------------------------------|---|
| Storage incompatibility | <ul style="list-style-type: none">▪ Keep container in well ventilated place |
|--------------------------------|---|



SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

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

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

9.1 General information

| | |
|-------------------------------|-------------------------------|
| Appearance | Powder |
| Colour: | Red |
| Odour: | Odourless |
| pH: | 6.0-9.0 (4% H ₂ O) |
| Boiling point, °C: | Not applicable |
| Melting point, °C: | Decomposes |
| Freezing point, °C | Not applicable |
| Density: | 2.7-3.2 kg/L |
| Bulk density: | 17-23g/100g |
| Vapour pressure: | Not applicable |
| Solubility (in water): | Insoluble |
| Particle size: | 40-200µm |

SECTION 10: STABILITY AND REACTIVITY

10.1 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)

10.2 Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None.

10.4 Conditions to avoid

High temperature.

10.5 Incompatible materials

Strongly acidic, strongly alkaline, oxidizing agents.

10.6 Hazardous decomposition products

No information available.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 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

12.1 Ecotoxicity

No data

12.2 Persistence and degradability

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

12.3 Bio-accumulative potential

No data

12.4 Mobility in soil

Not applicable

12.5 Results of PBT and vPvB assessment

Not applicable

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

| 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 |

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 or mixture : not available

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

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