

Safety Data Sheet Blue Mica

July 09, 2011

Section 1: Chemical Product and Company Identification

Product name: Blue Mica
Contact Info: Bramble Berry Inc.
2138 Humboldt Street
Bellingham, WA 98225
info@brambleberry.com
www.brambleberry.com
1-877-627-7883

Emergency Phone Number:

Within USA & Canada: 1.800.424.9300 CCN693143
Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

Section 2: Hazards Identification

Classification of the 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

Section 3: Composition/Information on Ingredients

Chemical family:
Contains no hazardous ingredients

| Common Name | CAS # | EINECS # | Color 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 | | 52-60 | Not Classified |

| | | | | | |
|------------------|------------|-----------|-------|-------|----------------|
| Titanium dioxide | 13463-67-7 | 236-675-5 | 77891 | 28-35 | Not Classified |
| Tin Dioxide | 18282-10-5 | 242-159-0 | 18260 | 0-2 | Not Classified |
| Ultramarine blue | 57455-37-5 | 309-928-3 | 77707 | 12-14 | Not Classified |

Section 4: First Aid Measures

Description of first aid measures

Inhalation: In case of accident by 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

Acute: None

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 tests

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media: Extinguish with water spray, 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.

Section 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.

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 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

Form: Powder

Color: Flash Blue

Odor: Odorless

pH: 6.0-9.0 (4% H₂O)

Boiling Point, °C: Not applicable

Melting Point, °C: Decomposes

Freezing point, °C: Not applicable

Density: 2.8-3.2 kg/L

Bulk Density: 20 – 30g kg/L

Vapor pressure: Not applicable

Solubility (in water): Insoluble

Particle size: 10-100 µm

Section 10: Stability and Reactivity

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: No 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

Section 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.

Section 13: Disposal Conditions

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

Section 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 | | | |

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

The information in this publication is believed to be accurate and is given in good faith, but no representation of warranty as to its completeness or accuracy is made. Suggestions for uses or applications are only opinions. Users are responsible for determining the suitability of these products for their own particular purpose. No representing of warranty, expressed or implied, is made with respect to information or products including, without limitation, warranties or merchantability, fitness for a particular purpose, non-fringement of any third party patent or other intellectual property rights including, without limit, copyright, trademark and design.