



Safety Data Sheet

Orchid Mica

September 4th, 2015

Section 1: Chemical Product and Company Identification

Product name: Orchid 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: mica - titanium oxide - manganese violet. Contains no hazardous ingredients

Common and Chemical Name	CAS No.	EINECS No.	Color 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	48-54	Not Classified
Titanium Dioxide	13463-67-7	236-675-5	77891	45-51	Not Classified
Tin Dioxide	18282-10-5	242-159-0	77861	0-1	Not Classified
Ultramarine Blue	57455-37-5	309-928-3	77007	0-1	Not Classified
Manganese Violet	10101-66-3	223-257-4	77742	0-1	Not Classified

Section 4: First Aid Measures

Description of first aid measures

Inhalation: Remove causality to fresh air and keep at rest

Eye Exposure: If contact with eyes directly, flush with gently flowing fresh water thoroughly; If eye irritation persists, get medical advice/attention

Skin Exposure: Wash affected skin with plenty of water

Ingestion: If ingested, wash out mouth with water, drink milk or egg whites

Notes to Physician: No special measures are required

Most important symptoms 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 any immediate medical attention and special treatment needed Treatment:

Recommended:

- a. Chest X-Ray
- b. Lung functionality test

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable: Waterspray, foam or dry chemical

Unsuitable: 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: 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 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 uses

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 Limits: Not known

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

Exposure controls - Personal protective equipment

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

Respiratory protection: Dust mask covering nose and mouth

Skin protection: Apron or other light protective clothing, boots and plastic or synthetic rubber gloves

Thermal hazards: None

Environmental exposure control: Avoid dust generation. Avoid accumulation of dust

Section 9: Physical and Chemical Properties

Form: powder

Color: Violet 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: 3.0-3.1 kg/L
Bulk density: 26-30g/100g
Vapor pressure: not applicable
Solubility (in water): insoluble
Particle size: 10-60µm

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
Possibility of hazardous reactions: None known
Conditions to avoid: High temperature
Incompatible materials: Strong oxidizing agents, strong acids, and alkalis
Hazardous decomposition products: None known

Section 11: Toxicological Information

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
Bio accumulative 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

International Transport Regulation	ADR/RID	AND	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 labels	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

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