

Mica – Bronze

Safety Data Sheet

Section 1: Company and Product Information

Product Name: Mica – Bronze
INCI Name: Fluorphlogopite, Iron Oxide
CI: 77491
Product Use: Cosmetic and personal care applications.
Restrictions on Use: Repackaged for cosmetic use only.
Supplier: Windy Point Soap Making Supplies Inc.
 14, 6125-12th Street SE
 Calgary, AB T2H 2K1
 587-318-6678 / 877-257-0030
Emergency Response: None

Section 2: Hazard 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
Hazard pictogram(s): Not applicable
Signal word(s): Not applicable
Hazard statement(s): Not applicable
Precautionary Statements: Not applicable
Other Hazards: None known

Section 3: Composition / Information on Ingredients

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)
Fluorphlogopite	12003-38-2	234-426-5		82-89	Not classified
Iron Oxide	1309-37-1	215-168-2	77491	11-18	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 Xray
 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 materials 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

Materials to avoid: Not known

Section 8: Exposure Control / 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
Colour:	Bronze
Odour:	Odourless
pH:	6.0-9.0 (4% H ₂ O)
Boiling point °C:	Not applicable
Melting point °C:	Decomposes Not
Freezing point °C:	applicable 2.8-3.2
Density:	Kg/L 22-30
Bulk density:	g/100g Not
Vapour pressure:	applicable
Solubility (in water):	Insoluble
Particle size:	40-200 µm

Section 10: Stability and Reactivity

Reactivity conditions:	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
Incompatibility:	Strongly acidic, strongly alkaline, oxidizing agents
Hazardous decomposition products:	No information available

Section 11: Toxicological Information

Information on toxicological effects:	This inorganic pigment in general is 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

Section 13: Disposal Information

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

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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

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