

## Safety Data Sheet

### Section 1: Company and Product Information

**Product Name:** Mica – Bright Gold  
**INCI Name:** Fluorphlogopite, Titanium Dioxide, Iron Oxide  
**CI:** 77891, 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		67-75	Not classified
Titanium Dioxide	13463-67-7	236-675-5	77891	22-26	Not classified
Iron Oxide	1309-37-1	215-168-2	77491	3-7	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

## Safety Data Sheet

### 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

## Safety Data Sheet

<b>Form:</b>	Powder
<b>Colour:</b>	Gold
<b>Odour:</b>	Odourless
<b>pH:</b>	6.0-9.0 (4% H <sub>2</sub> O)
<b>Boiling point °C:</b>	Not applicable
<b>Melting point °C:</b>	Decomposes
<b>Freezing point °C:</b>	Not applicable
<b>Density</b>	2.7-3.2 Kg/L
<b>Bulk density:</b>	17-25 g/100g
<b>Vapour pressure:</b>	Not applicable
<b>Solubility (in water):</b>	Insoluble
<b>Particle size:</b>	10-60 µm

### Section 10: Stability and Reactivity

<b>Reactivity conditions:</b>	There may be violent or incandescent reaction of the product with metals at high temperatures (e.g., aluminum; calcium; magnesium; potassium; sodium; zinc; lithium)
<b>Chemical stability:</b>	Stable under normal conditions
<b>Possibility of hazardous reactions:</b>	None
<b>Conditions to avoid:</b>	High temperature
<b>Incompatibility:</b>	Strongly acidic, strongly alkaline, oxidizing agents
<b>Hazardous decomposition products:</b>	No information available

### Section 11: Toxicological Information

<b>Information on toxicological effects:</b>	This inorganic pigment in general is practically nontoxic
<b>Acute toxicity:</b>	Not available
<b>Carcinogenicity:</b>	Not available

### Section 12: Ecological Information

<b>Toxicity:</b>	No data
<b>Persistence and degradability:</b>	Insoluble in water. This product is predicted not to degrade in soil and water
<b>Bioaccumulative potential:</b>	No data
<b>Mobility in soil:</b>	Not applicable

### Section 13: Disposal Information

<b>Waste treatment methods:</b>	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
<b>UN number:</b>	Not applicable	Not applicable	Not applicable	Not applicable
<b>Proper shipping name:</b>	Not applicable	Not applicable	Not applicable	Not applicable
<b>Transport hazard class(es):</b>	Not applicable	Not applicable	Not applicable	Not applicable
<b>Packing group:</b>	Not applicable	Not applicable	Not applicable	Not applicable
<b>Environmental hazards:</b>	None	None	None	None
<b>Special precautions for user:</b>	None	None	None	None

## Safety Data Sheet

**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 Safety, health and environmental regulations/legislations specific for the substance or mixture**      Not classified as dangerous for supply/use  
 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

#### **Disclaimer & Caution**

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