



## Silver Mica

Safety Data Sheet

### SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Name:** Silver Mica  
**Product Code:** 504-248X
- 1.2 Intended Use:** Compound used in customer substance/mixture/product.
- 1.3 Supplier:** Majestic Mountain Sage Inc  
2490 S 1350 W  
Nibley, 84321 - United States of America  
T 435.755.0863 - F 435.755.2108  
[www.TheSage.com](http://www.TheSage.com)
- 1.4 Emergency Telephone Number**  
No additional information available
- 1.5 Other Means of Identification**  
Chemical family: metal oxides  
INCI Name: Mica, Titanium Dioxide

### SECTION 2: Hazards Identification

- 2.1 Classification of the Substance or Mixture**  
**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200:**  
No need for classification according to GHS criteria for this product.
- 2.2 Label Elements**  
The product does not require a hazard warning label in accordance with GHS criteria.
- 2.3 Hazards Not Otherwise Classified**  
No specific dangers known, if the regulations/notes for storage and handling are considered.

## SECTION 3: Composition/Information on Ingredients

### 3.1 Mixtures

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

CAS Number	Weight %	Chemical Name
12001-26-2	76-90%	Mica-group minerals
13463-67-7	13-24%	Titanium dioxide

## SECTION 4: First Aid Measures

### 4.1 Description of First Aid Measures

<b>General Advice:</b>	Remove contaminated clothing.
<b>If Inhaled:</b>	If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.
<b>If on Skin:</b>	Wash thoroughly with soap and water. If irritation develops, seek medical attention.
<b>If in Eyes:</b>	Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek immediate medical attention.
<b>If Swallowed:</b>	Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.

### 4.2 Most Important Symptoms/Effects, Acute and Delayed

<b>Symptoms:</b>	The most important known symptoms and effects are described in the labeling (see Section 2) and/or in Section 11.
<b>Hazards:</b>	No hazard is expected under intended use and appropriate handling.

### 4.3 Indication of Immediate Medical Attention and Special Treatment Needed

**Treatment:** Note to physician: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

## SECTION 5: Firefighting Measures

### 5.1 Extinguishing Media

Use extinguishing measures to suit surroundings.

### 5.2 Special Hazards Arising from the Substance or Mixture

No particular hazards known.

### 5.3 Advice for Firefighters

**Protective Equipment for Firefighting:** Wear a self contained breathing apparatus.

### 5.4 Further Information

Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

## SECTION 6: Accidental Release Measures

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Avoid dust formation. Ensure adequate ventilation. Wear suitable personal protective clothing and equipment.

### 6.2 Environmental Precautions

Do not empty into drains.

This product is not regulated by RCRA. This product is not regulated by CERCLA ('Superfund').

### 6.3 Methods and Materials for Containment and Cleaning Up

Pick up with suitable appliance and dispose of.

Spills should be contained and placed in suitable containers for disposal.

## SECTION 7: Handling and Storage

### 7.1 Precautions for Safe Handling

Avoid dust formation. Closed container should only be opened in well-ventilated areas.

#### Protection Against Fire and Explosion:

No special precautions necessary.

See SDS Section 5 - Firefighting Measures. Prevent electrostatic charge accumulation.

### 7.2 Conditions for Safe Storage, Including Any Incompatibilities

#### Suitable Materials for Containers:

High density polyethylene (HDPE), Low density polyethylene (LDPE)

#### Further Information on Storage Conditions:

No special precautions necessary.

Keep in a cool place. Keep container dry.

## SECTION 8: Exposure Controls/Personal Protection

### 8.1 Control Parameters

#### Components with Occupational Exposure Limits

Mica-group minerals	OSHA PEL	TWA value 3 mg/m <sup>3</sup> Respirable dust; TWA value 20 millions of particles per cubic foot of air
	ACGIH TLV	TWA value 3 mg/m <sup>3</sup> Respiable fraction
Titanium dioxide	OSHA PEL	PEL 15 mg/m <sup>3</sup> Total dust; TWA value 10 mg/m <sup>3</sup> Total dust
	ACGIH TLV	TWA value 10 mg/m <sup>3</sup>

### 8.2 Exposure Controls - Personal Protective Equipment

**Respiratory Protection:** Observe OSHA regulations for respirator use (29 CFR 1910.134). Wear a NIOSH-certified (or equivalent) particulate respirator.

<b>Hand Protection:</b>	Chemical resistant protective gloves.
<b>Eye Protection:</b>	Safety glasses with side-shields.
<b>Body Protection:</b>	Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.
<b>General Safety and Hygiene Measures:</b>	Handle in accordance with good industrial hygiene and safety practice. Due to coloring properties of the product closed work clothes should be used, to avoid stains during manipulation. Hands and/or face should be washed before breaks and at the end of the shift. Wash soiled clothing immediately.

<b>SECTION 9: Physical and Chemical Properties</b>
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### 9.1 Information on Basic Physical and Chemical Properties

<b>Form:</b>	Powder
<b>Odor:</b>	Odorless
<b>Odor Threshold:</b>	Not determined
<b>Color:</b>	Off-white with pearly reflection
<b>pH Value:</b>	7-11 (DIN EN ISO 787-9) (40 g/l, 20°C)
<b>Melting Temperature:</b>	>1,000°C The substance/product decomposes.
<b>Boiling Point:</b>	Not applicable, solid with a melting temperature over 300°C
<b>Flash Point:</b>	Study does not need to be conducted.
<b>Flammability:</b>	Not flammable
<b>Flammability of Aerosol Products:</b>	Not applicable, the product does not form flammable aerosols.
<b>Lower Explosion Limit:</b>	For solids not relevant for classification and labeling.
<b>Upper Explosion Limit:</b>	For solids not relevant for classification and labeling.
<b>Autoignition:</b>	Study does not need to be conducted
<b>Vapor Pressure:</b>	Not applicable
<b>Density:</b>	3.2 kg/l (20°C)
<b>Relative Density:</b>	3.2
<b>Bulk Density:</b>	140 kg/m <sup>3</sup>

<b>Vapor Density:</b>	The product is non-volatile solid.
<b>Partitioning coefficient n-octanol/water (log Pow):</b>	Study does not need to be conducted.
<b>Self-Ignition Temperature:</b>	Not self-igniting
<b>Thermal Decomposition:</b>	No decomposition if stored and handled as prescribed/indicated.
<b>Viscosity, dynamic:</b>	Study does not need to be conducted.
<b>Viscosity, kinematic:</b>	Not applicable, the product is a solid
<b>Particle Size:</b>	D10 15 µm D50 34 µm D90 65 µm
<b>Solubility in Water:</b>	Insoluble
<b>Evaporation Rate:</b>	The product is non-volatile solid.
<b>Other Information:</b>	If necessary, information on other physical and chemical parameters is indicated in this section. No further information available.

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

Non hazardous reaction if stored and handled as prescribed/indicated.

#### **Corrosion to Metals:**

No corrosive effect on metal.

#### **Oxidizing Properties:**

Not fire-propagating.

### 10.2 Chemical Stability

This product is chemically stable.

### 10.3 Possibility of Hazardous Reactions

No hazardous reactions when stored and handled according to instructions.

The product is chemically stable.

Hazardous polymerization will not occur.

### 10.4 Conditions to Avoid

Avoid dust formation. Avoid deposition of dust. No special precautions other than good housekeeping of chemicals. See SDS Section 7 - Handling and Storage.

### 10.5 Incompatible Materials

No substances known that should be avoided.

## 10.6 Hazardous Decomposition Products

No hazardous decomposition products if stored and handled as prescribed/indicated.

### **Thermal Decomposition:**

No decomposition if stored and handled as prescribed/indicated.

<b>SECTION 11: Toxicological Information</b>
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## 11.1 Primary Routes of Exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin Contact may be a route of entry for liquified gases.

## 11.2 Acute Toxicity/Effects

### **Acute Toxicity**

Virtually nontoxic after single ingestion.

### **Oral**

Type of value: LD50

Species: Rat

Value: >2,000 mg/kg

The product has not been tested. The statement has been derived from the properties of individual components.

### **Inhalation**

Type of value: LC50

Not determined

### **Dermal:**

Type of value: LD50

Not determined

### **Irritation/Corrosion:**

Inhalation of dust may cause respiratory tract irritation, coughing and breathing difficulties. Contact with the eyes or skin may cause mechanical irritation.

### **Skin:**

May cause mechanical irritation.

### **Eyes:**

May cause mechanical irritation.

### **Sensitization:**

The chemical structure does not suggest a sensitizing effect.

### **Aspiration Hazard:**

No aspiration hazard expected.

### **11.3 Chronic Toxicity/Effects**

#### **Repeated Dose Toxicity**

Prolonged or repeated exposure may cause pulmonary problems. The product has not been tested. The statement has been derived from the properties of the individual components.

#### **Genetic Toxicity**

No data available concerning mutagenic activity. The chemical structure does not suggest a specific alert for such an effect.

#### **Carcinogenicity**

Information on Titanium Dioxide

IARC (International Agency for Research on Cancer) has classified this substances as group 2B (The agent is possibly carcinogenic to humans). In long-term studies in rats in which the substance was given by inhalation, a carcinogenic effect was observed. Tumors were only observed in rats after chronic inhalative exposure to high concentrations which caused sustained lung inflammation. In long-term studies in rats and mice in which the substances was given by feed, a carcinogenic effect was not observed. Dermal exposure is not expected to be carcinogenic.

#### **Reproductive Toxicity**

The chemical structure does not suggest a specific alert for such an effect.

#### **Teratogenicity**

No data was available concerning toxicity to development.

#### **Other Information**

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components. The product has been assessed on the basis of the components' available data. To some extent data gaps exist for individual components. According to our present knowledge and experience dangers which are not covered by the current labeling are not to be expected.

### **11.4 Symptoms of Exposure**

The most important known symptoms and effects are described in the labeling (see Section 2).

#### **Medical Conditions Aggravated by Overexposure**

Inhalation of dust could aggravated existing respiratory conditions.



## SECTION 12: Ecological Information

### 12.1 Toxicity

#### Aquatic Toxicity

There is a high probability that the product is not acutely harmful to aquatic organisms. The product has not been tested. The statement has been derived from the properties of the individual components.

#### Toxicity to Fish

LC50 > 100 mg/l

#### Chronic Toxicity to Fish

No data available.

#### Chronic Toxicity to Aquatic Invertebrates

No data available.

### 12.2 Microorganisms/Effect on Activated Sludge

#### Toxicity to Microorganisms

EC0: > 100mg/l

### 12.3 Persistence and Degradability

#### Assessment of Biodegradation and Elimination (H20)

The colorant is insoluble in water and can thus be separated from water mechanically in suitable effluent treatment plant.

### 12.4 Additional Information

The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations. The product has not been tested. The statement has been derived from the properties of the individual components.

## SECTION 13: Disposal Considerations

### 13.1 Waste Treatment Methods

Must be disposed of or incinerated in accordance with local regulations. Dispose of in a licensed facility. Do not discharge into drains/surface waters/groundwater. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA. This product does not possess any of the four identifying characteristics of hazardous waste (ignitability, corrosivity, reactivity, or toxicity).

**Container Disposal:**

Uncontaminated packaging can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

**SECTION 14: Transport Information**

**14.1 Transport Information**

**Land Transport:**

USDOT

Not classified as a dangerous good under transport regulations.

**Sea Transport:**

IMDG

Not classified as a dangerous good under transport regulations.

**Air Transport:**

IATA/ICAO

Not classified as a dangerous good under transport regulations.

**SECTION 15: Regulatory Information**

**15.1 U.S. Federal Regulations**

**Registration Status**

Cosmetic TSCA, US released/exempt

**EPCRA 311/312 (Hazard Categories)**

Refer to SDS Section 2 for GHS hazard classes applicable for this product.

**15.2 U.S. State Regulations**

State RTK	CAS Number	Chemical Name
PA	12001-26-2	Mica-group minerals
	13463-67-7	Titanium dioxide
NJ	12001-26-2	Mica-group minerals
	13463-67-7	Titanium Dioxide

**Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65**

**WARNING:** This product can expose you to chemicals including TITANIUM DIOXIDE (AIRBORNE, UNBOUND PARTICLES OF RESPIRABLE SIZE), which is known to the state of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

[Other Prop 65 components may be present in the product]

<b>SECTION 16: Other Information</b>
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**16.1 NFPA Rating**

**NFPA Hazard Codes**

Health: 1    Fire: 0    Reactivity: 0    Special: -

**16.2 HMIS Rating**

**HMIS III Rating**

Health: 1    Flammability: 0    Physical Hazard: 0

Notes:

This safety data sheet is based on the properties of the material known at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment holds no responsibility. This document is not intended for quality assurance purposes.