

## SECTION 1: Identification

**Product Name:** Granicrete MICA FLAKES

**Revision Date:** 12/06/2023

**Product Code:** 4100 Series

**Package:** 3 oz and 4 oz jars

**Product Description:** Flake    **Color:** Varied mix  
Antique Gold, Natural, Charred Green, Amber

**Intended Use:** decorative, restorative

**Company - Manufacturer:** Granicrete International, Inc.                      4602 S 36<sup>th</sup> Street, Phoenix, AZ 85040 USA

**Web Address:** [www.Granicrete.com](http://www.Granicrete.com)

**Contact General:** Domestic ... 1-602-438-9464    International ... 001-602-438-9464

**Non-emergency email:** [safety@granicrete.com](mailto:safety@granicrete.com)

**Non-emergency fax:** 1-602-438-9465

**Contact 24-Hour Emergency:**

PERS Domestic at 1-800-633-8253

PERS International at 001-801-629-0667

## SECTION 2: Hazard(s) Identification

**GHS Classification:**            Not classified as dangerous for supply/use.

**EC Classification:**            Not classified as dangerous for supply/use.

**Signal Word:**    **WARNING!**



**Hazards Statements:**

None

**Precautionary Statements:**

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response Statements:**

P305+P351: IF IN EYES: Rinse cautiously with water for several minutes.

**Storage:**

P402: Store in a dry place.

## SECTION 3: Composition and Information on Ingredients

This material is not regulated as a mixture.

Ingredients / Components	CAS #	EC #	WT%
Muscovite	1318-94-1		>90
Quartz	14808-60-7		<10

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## SECTION 4: First-Aid Measures

**Eye Contact:** Rinse with running water for 15 minutes. Hold eyelids apart while irrigating. Call physician immediately.

**Skin Contact:** Wash affected area thoroughly with pH-neutral soap or mild detergent and water. Wash clothing before re-use. Seek medical attention for prolonged exposure to wet product.

**Inhalation:** Move to fresh air. Get medical attention if coughing and other symptoms do not subside. Support breathing by giving O<sub>2</sub> / artificial respiration.

**Ingestion:** Get medical attention immediately. Do not induce vomiting. If conscious administer copious amounts of drinking water or milk.

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## SECTION 5: Fire-Fighting Measures

**Extinguishing Media:** This product is not combustible

**Appropriate:** As appropriate for surrounding fire

**Inappropriate:** None known

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## SECTION 6: Accidental Release Measures

**Personal precautions:** Wear appropriate eye and face protection. Avoid contact with eyes.

**Environmental precautions:** Avoid dust formulation

**Methods for clean-up:**

Vacuum immediately; avoid creating dusty conditions. Place in suitable containers for disposal.

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## SECTION 7: Handling and Storage

**Handling:** Avoid contact with eyes, skin, and clothing. Promptly remove dusty clothing or clothing that has become wet with the mixed product. Launder clothing before reuse. Wash thoroughly after exposure to product.

**Storage:** Keep bags dry and from prolonged direct heat. Keep out of reach of children and pets.

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## SECTION 8: Exposure Control and Personal Protection



**Exposure limit values:**

	OSHA		ACGIH		OTHER
	TWA	STEL	TWA	STEL	
14808-60-7	2.5mg/m3	ND	ND	ND	
1318-94-1	0.1mg/m3	ND	ND	ND	

US OSHA PEL: 6mg/m<sup>3</sup> (54 FR2701) LEGEND: (M) MAX. EXPOSURE LIMIT; (S) OCCUPATIONAL EXP. LIMIT; (R) SUPPLIERS REC. LIMIT, (+) PERCUTANEOUS RISK  
NOTE 1: VALUES MEANINGFUL ONLY WHEN HARDENED PRODUCT IS ABRADED, GROUND, ETC.

**Occupational exposure controls:**

No occupational exposure limits assigned.

**Respiratory protection:** Wear suitable NIOSH approved mask or respirator if in confined space.

**Hand protection:** Impervious gloves if contact is anticipated. Nitrile gloves are acceptable.

**Eye protection:** Safety glasses with side shields.

**Skin protection:** Minimize skin contact with appropriate long-sleeved clothing. Wash frequently with pH neutral soap.

**Hygiene measures:**

Observe good industrial hygienic practices. Frequently launder or discard protective clothing, equipment.

**Environmental exposure controls:**

None are anticipated.

## SECTION 9: Physical and Chemical Properties

**General**

Physical state: crushed glass

Color: various

Odor: none

**Safety Data**

pH (Value)	Not applicable.
Specific Gravity	2.6
Freezing Point (°C)	Not applicable.
Melting Point (°C)	Not applicable.
Boiling Point (°C)	Not applicable.
Flash Point (°C) [Closed cup]	Not applicable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	Non-combustible.
Vapor Pressure (mm Hg)	Not applicable.
Vapor Density (Air=1)	Not applicable.
Solubility (Water)	Insoluble
Partition Coefficient	Not applicable.
Auto Ignition Point (°C)	Not applicable.
Decomposition Temperature (°C)	Not applicable.
Viscosity (mPa. s)	Not applicable.
Explosive properties	Not applicable.
Oxidizing Properties	Not applicable.

## SECTION 10: Stability and Reactivity

**Stability:** Stable

**Conditions to avoid:** NA

**Materials to avoid:** None known

Hazardous decomposition products: NA

Hazardous polymerization: NA

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## SECTION 11: Toxicological Information

### Acute Toxicity

Route of Exposure	Conclusion / Comments
Inhalation	May dry respiratory tract
Ingestion	May irritate stomach and throat leading to vomiting
Skin	May cause irritation
Eye	May cause irritation

### Chronic / Other Effects

Repeated, prolonged or concentrated inhalation of fine dust may cause delayed lung injury. Breathing of fine dust may cause shortness of breath, and aggravate asthma and inflammatory or fibrotic pulmonary disease. Prolonged or repeated contact with the skin in the absence of proper hygiene may cause dryness and dermatitis. This product contains a small proportion of Respirable crystalline silica as quartz (<1%). Crystalline silica has been classified by the International Agency of Research on Cancer (IARC) as carcinogenic to humans by inhalation. Furthermore, crystalline silica can cause silicosis or other lung diseases on prolonged exposure.

### Carcinogenicity:

None known

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## SECTION 12: Ecological Information

### Eco-toxicity:

TO FISH: Not known

INVERTEBRATES: Not known

ALGAE: Not Known

BACTERIA: Not known

No recognized unusual toxicity to animals or plants.

Biodegradation: NA

Exposure Time: NA

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## SECTION 13: Disposal Considerations

Methods of disposal: This material may be safely landfilled in accordance with federal, state, and local environmental control regulations.

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## Section 14: Transport Information

**International transport regulations:** NOT REGULATED

**UN number:** None

**UN proper shipping name:** None

**Transport hazard class:** None

**Packing group number (PG):** None

**Environmental hazards – IMDG Marine Pollutant Code:** None

**IBC Guidance:** None

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## SECTION 15: Regulatory Information

### **USDOL – OSHA & MSHA Hazard Communication per Rule 29 CFR 1920.1200**

Considered a hazardous chemical under this regulation, and should be part of any hazard communication program

### **TSCA (USA - Toxic Substance Control Act)**

Some substances in product are on the TSCA inventory list

### **SARA Title III (USA – Superfund Amendments and Reauthorization Act)**

311/312 Hazard categories for delayed health effects

313 Reportable Ingredients: None

### **CERCLA (USA – Comprehensive Response Compensation and Liability Act)**

None

### **California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986**

This product does not contain trace elements known to the State of California to cause cancer, birth defects, or reproductive harm. Per California law this warning is provided in the absence of definitive testing to prove the defined risks do not exist.

### **Federal Hazardous Substance Act**

Considered a hazardous substance subject to the statutes promulgated under the subject act.

### **DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)**

Components of this product identified by CAS number are listed on the DSL

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## SECTION 16: Other Information

### **HMIS:**

Health	0
Flammability	0
Reactivity	0

**Recommended restriction: This product is for use by trained professionals after having read the complete SDS.**

### **Key Legend:**

ACGIH – American Conference of Governmental Industrial Hygienists

OSHA – Occupational Safety and Health Administration

NTP – National Toxicology Program

IARC – International Agency for Research on Cancer

R – Risk Phrases

S – Safety Phrases

The information and recommendations contained herein are based upon data believed to be correct at date listed. No
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