

Material Safety Data Sheet



Mica

C.A.S. Number: 12001-26-2

MSDS C.A.S. Code: 0520

Manufacturer: Georgia Industrial Minerals, Inc.
Address: 1132 Veal Road
City, State: Sandersville, GA
Zip Code: 31082
Telephone: 478-553-0048

HMIS RATING

HEALTH: 0

FLAMMABILITY 0

REACTIVITY: 0

PERSONAL

PROTECTION: E

Prolonged breathing of excessive dust may affect lung function. Dust mask.

Section 1 – Material Identification and Use.

Chemical Identity: Hydrous Aluminum Silicate, Wet Ground Mica.

Names: SG-(70, 75, 90, 200); OPTI- (fine, brite, sheen, sheen C, sheen F); CD-(100, 325, 800, 1600, 2200, 3200); GIMsheen(10, 20, 25, 35, 40, 50); GIMflake (20); SPS-(40, 60, 80); GIMflake(10, 20, 40, 100).

Uses: Functional filler in building materials, paints, plastics, rubber and cosmetics and personal care goods.

Section 2 – Ingredients

<u>Ingredients</u>	<u>CAS No.</u>	<u>Approx. %</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other</u>
			mg/m ³	mg/m ³	
Mica	12001-26-2	>99.9%	3c	3c	n/a

C = respirable dust n/a = not available

Section 3 – Physical and Chemical Characteristics

Appearance: white to off white powder	Vapor Pressure: Not Applicable
Odor: negligible	Vapor Density: Not Applicable
Melting Point: Not Available	Weight per Gallon: 23.52 lbs/gal.
Boiling Point: Not available	Solubility in Water: insoluble
Freezing Point: Not Applicable	Evaporation Rate: Not Applicabl

Section 4 – Fire and Explosion Data

Flashpoint:	Not Applicable
Unusual Explosion and Fire Hazards:	Not Applicable
Extinguishing Media:	Dry Chemical, CO ₂
Special Fire Fighting Procedures:	Not Applicable

Section 5 – Physical Hazards/Reactivity

Stability:	Stable
Incompatibility:	Not Applicable
Hazardous Decomposition:	Not Applicable
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Heavy Dusting

Section 6 – Health Hazard

Routes of Entry:	Eyes, Inhalation, Ingestion
Acute:	Coughing, possible difficulty breathing
Chronic:	None
Silicon Dioxide (SiO₂)	Product contains <0.1% respirable silica.
WHMIS:	Not a controlled product. Not a hazardous product.
HMIS:	Not a hazardous product.
Signs and Symptoms of Exposure:	Persistent cough, difficulty breathing.
Medical Conditions Aggravated by Exposure:	Pulmonary and Respiratory Disease.

Section 6 – Health Hazard (Continued)

Emergency and First Aid Procedures: Eyes: Flush with Generous Amounts of Water.
Respiratory: Remove person to fresh air.

Section 7 – Special Precautions and Spill/Leak Procedures

Storage and Handling: Normal Precautions to Prevent Spillage and Leakage.
Avoid any rough handling that would create dusting.

Other Precautions: Use of Dust Mask in dusting applications

Spill Procedure: Avoid heavy dusting, Contain product, collect, and dispose.

Waste Disposal: Follow all applicable Local, State, and Federal Solid Waste Regulations.

Section 8 – Special Protection Information/Control Measures

Respiratory Protection: Dust Mask Recommended in Dusty Conditions

Ventilation: Provide Local Exhaust Ventilation

Protective Gloves: As needed

Eye Protection: Safety Glasses or Safety Goggles in Heavy Dust Conditions

Other Protective Equipment: Access to Safety Eyewash

The ingredients in this product are listed on the TSCA inventory and Canadian DSL.

Georgia Industrial Minerals, Inc. has created this MSDS based upon data from sources considered to be reliable. Georgia Industrial Minerals, Inc. does not guarantee the accuracy or completeness of the data and hence urges all recipients of this product to review the MSDS carefully in order to become aware of and to understand the product's hazards. The reader should consider consulting reference works or individuals who are experts in industrial safety, if questions arise.