

Material Safety Data Sheet

Freeman Powder Release Form

Date of Preparation: January 3, 2007

Revision:

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Freeman Powder Release Form

Chemical Family: Mineral

CAS Number: N/A

Other Designations: N/A

General Use: N/A

Manufacturer: Freeman Manufacturing and Supply Company, 1101 Moore Road, Avon, OH 44011,
Phone (440)934-1902, FAX (440)934-7200, Hours of Operation 8-5, Emergency phone number 800-424-9300.

HMIS

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☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Nuisance Dust

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	Weight %	ACGIH TLV
Mica (Potassium Aluminum Silicate)	12001-26-2	> 99	3 mg/m ³

Section 3 - Physical and Chemical Properties

Appearance and Odor: Powder, Odor free

Specific Gravity (H₂O=1, at 4 °C): 2.85

pH: Approx. 9.0 (20% suspension)

Water Solubility: Insoluble

Melting Point: Approx. 1200 °C

Section 4 - Fire-Fighting Measures

The product itself does not burn.

Section 5 - Stability and Reactivity

Stability: Stable at normal conditions.

Materials to Avoid: Concentrated alkali metal hydroxides. Concentrated mineral acids.

Section 6 - Health Hazard Information

Potential Health Effects

Routes of Exposure: Inhalation

Medical Conditions: Any conditions aggravated by dust. (e.g. asthma aggravated by exposure)

Toxicological Information:

Acute Toxicity: Not known, but since mica acts as an inert material in acute toxicity tests, LD50 values would be high.

Local Effects: Health injuries are not known or expected under normal use.

Sensitization: No sensitization responses were observed.

Long Term Toxicity: Prolonged exposure of high concentrations of respirable particles may cause pneumoconiosis.

Emergency and First Aid Procedures

General Advice: No hazards which require special first aid measures.
Inhalation: Move to fresh air. Consult a physician after significant exposure.
Eye Contact: Rinse with plenty of water. Consult a doctor after significant exposure.
Skin Contact: Wash off with soap and plenty of water.
Ingestion: At once vomit. Drink water as a precaution. Consult a physician.
Medical Attention: See a physician.

Section 7 - Spill, Leak, and Disposal Procedures

Accidental Release Measures:

Method for Cleaning Up: Vacuum cleaner.

Disposal Considerations: No special precautions necessary other than compliances with local regulations.

Ecological Information: N/A

Regulatory Information:

Component: Mica
 (CAS # 12001-26-2)

INVENTORY:

TSCA	DSL	NDSL	EINECS	AUST	PHIL.	MITI	KOREA	ELINCS	CHINA
Yes	Yes	No	No	Yes	Yes	No	Yes	No	Yes

State Regulations:

Mica (CAS #12001-26-2) is found on the New Jersey and Pennsylvania Right to Know Lists

Exposure Controls / Personal Protection

Engineering Controls: Ensure adequate ventilation, especially in confined areas.

Personal Protection: Avoid dust formation. Use personal protective equipment. Dust respirator should be used if ACGIH limits are exceeded.

Section 9 - Special Precautions and Comments

Precautions to be Taken in Handling and Storage: Avoid high dust levels. Keep in a dry place.

DOT Transportation Data (49 CFR 172.101):

Shipping Name: Not Regulated
Shipping Symbols:
Hazard Class:
ID No.:
Packing Group:
Label:

Packaging Authorizations
a) Exceptions:
b) Non-bulk Packaging:
c) Bulk Packaging:

Quantity Limitations
a) Passenger, Aircraft, or Railcar:
b) Cargo Aircraft Only:

Prepared By:
Revision Notes:

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