

**Section 1 Identification**

**Product identifier**

Product name: Freeman Plaster Release Powder

**Relevant identified uses of the substance or mixture and uses advised against**

Identified uses: Plaster release – powdered mica

**Details of the supplier of the safety data sheet**

Freeman Manufacturing and Supply Company  
 1101 Moore Road, Avon, OH 44011  
 Telephone (440) 934-1902

HMIS	
H	1
F	0
R	0
PPE	
Sec. 8	

**24 Hour emergency telephone number: CHEMTREC (800) 424-9300**

**Section 2 Hazards Identification**

**GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)**

Carcinogenicity, Category 1A

**GHS Label elements, including precautionary statements**



**Signal word**                      Danger

**Hazard statements**      May cause cancer.

**Precautionary statements**

Prevention

- Wear protective gloves/eye protection/face protection.
- Avoid breathing dust.
- Do not eat, drink, or smoke when using this product.

Response

- If on skin: Wash with plenty of soap and water.
- If skin irritation or rash occurs: Get medical advice/attention.
- Wash contaminated clothing before reuse.
- If in eyes: Rinse continuously with water for at least 15 minutes.
- Remove contact lenses, if present and easy to do.
- If eye irritation persists: Get medical advice/attention.

Storage

Store in a well-ventilated place.

Disposal

Dispose of contents and container to an appropriate waste site in accordance with local and national regulations.

**Hazards not otherwise classified (HNOC) or not covered by GHS**

None

**Section 3 Composition/Information on Ingredients**

Ingredient Name	CAS Number	% Weight
Mica	12001-26-2	>95
Quartz	14808-60-7	<0.5

**Section 4 First-Aid Measures**

**Description of first aid measures**

**If inhaled**

Move person into fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.

**In case of skin contact**

Wash off with soap and plenty of water. Get medical attention if symptoms occur.

**In case of eye contact**

Flush eyes with water for at least 15 minutes. Get medical attention immediately.

**If swallowed**

Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Provided the patient is conscious, wash out mouth with water. Get medical attention if symptoms occur.

**Most important symptoms and effects, both acute and delayed**

**Eye contact:** Causes eye irritation.

**Inhalation:** May cause irritation.

**Skin contact:** Causes skin irritation.

**Ingestion:** May cause irritation of the gastrointestinal tract.

**Indication of any immediate medical attention and special treatment needed**

**Inhalation:** No specific data.

**Ingestion:** No specific data.

**Skin contact:** Adverse symptoms may include the following:

Irritation

Redness

**Eye contact:** Adverse symptoms may include the following:

Pain or irritation

Watering

Redness

**Section 5 Fire-Fighting Measures**

**Extinguishing media**

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: Not applicable

**Special hazards arising from the substance or mixture**

Nature of decomposition products not known.

**Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**Further information**

No data available.

**Section 6 Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures**

Avoid breathing dust.  
 For personal protection see section 8.

**Environmental precautions**

Do not let product enter drains.

**Methods and materials for containment and cleaning up**

Sweep up and shovel. If using a vacuum, vacuum should be equipped with HEPA filters.  
 Keep in suitable, closed containers for disposal.

**Section 7 Handling and Storage**

**Precautions for safe handling**

Minimize dust production when mixing or opening and closing bags. Avoid inhalation of dust.  
 Wear appropriate personal protective equipment. Wash hands after handling. Observe good industrial hygiene practices and use appropriate lifting techniques.

**Conditions for safe storage, including any incompatibilities**

Store at ambient temperatures in closed containers. Store away from incompatible materials.  
 Avoid contact with acids, water, and moisture.

**Section 8 Exposure Controls/Personal Protection**

**Components with workplace control parameters**

Ingredient	OSHA		ACGIH	
	PEL	STEL	TWA	STEL
Mica	20 mppcf	none estab.	none estab.	none estab.
Mica (respirable fraction)	none estab.	none estab.	3 mg/m <sup>3</sup>	none estab.
Quartz (total dust)	0.3 mg/m <sup>3</sup>	none estab.	none estab.	none estab.
Quartz (respirable fraction)	0.1 mg/m <sup>3</sup>	none estab.	0.025 mg/m <sup>3</sup>	none estab.

**Exposure controls**

**Appropriate engineering controls**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits. An eye wash station and safety shower should be located near the workstation.

**Personal protective equipment**

**Eye/face protection**

Wear approved safety goggles

**Skin protection**

**Hand Protection**

Wear protective gloves. Contaminated gloves should be replaced.

**Body Protection**

Long sleeved shirts and long pants are recommended.

**Section 8 Exposure Controls/Personal Protection continued**

**Respiratory Protection**

The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations above applicable workplace exposure levels are anticipated, a NIOSH-approved organic vapor respirator equipped with a dust/mist prefilter should be used.

**Safety Stations**

Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

**General Hygienic Practices**

Avoid breathing vapor or mist. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling and before eating, drinking, or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse.

**Section 9 Physical and Chemical Properties**

**9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	White powder
<b>Odor</b>	None
<b>Odor Threshold</b>	No data available
<b>pH</b>	6-8
<b>Melting Point</b>	Not applicable
<b>Initial boiling point &amp; boiling range</b>	Not applicable
<b>Flash Point(COC)</b>	Not applicable
<b>Evaporation rate</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/lower flammability</b>	Not applicable
<b>Vapor Pressure</b>	Not applicable
<b>Vapor density</b>	Not applicable
<b>Relative density (g/cc)</b>	2.6
<b>Water Solubility</b>	Insoluble
<b>Coefficient: n-octanol/ water</b>	Not applicable
<b>Auto-ignition temperature</b>	Not applicable
<b>Viscosity</b>	Not applicable
<b>Explosive Properties</b>	None
<b>Oxidizing Properties</b>	None
<b>VOC (Weight %)</b>	0 g/l

**Section 10 Stability and Reactivity**

**Reactivity**

No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

Hazardous polymerization does not occur.

**Section 10 Stability and Reactivity continued**

**Conditions to avoid**

Contact with incompatible materials.

**Incompatible materials**

Acids. Crystalline silica in contact with powerful oxidizing agents, such as fluorine, chlorine trifluoride and oxygen difluoride, may cause fires. Crystalline silica will dissolve in hydrofluoric acid and produce a corrosive gas, silicon tetrafluoride.

**Hazardous decomposition products**

Calcium oxides, carbon dioxide, and carbon monoxide.

**Section 11 Toxicological Information**

**Information on likely routes of exposure**

**Ingestion:** May cause discomfort if swallowed.

**Inhalation:** Inhalation of dusts may cause respiratory irritation. Prolonged and repeated exposure to airborne respirable crystalline silica can cause silicosis and/or lung cancer.

**Skin contact:** Under normal conditions of intended use, this product does not pose a skin hazard.

**Eye contact:** Direct contact with airborne particulates may cause temporary irritation.

**Information on toxicological effects**

**Acute toxicity** Not expected to be a hazard under normal conditions of intended use

**Skin corrosion/irritation** Not a skin irritant

**Serious eye damage/eye irritation** Direct contact may cause mild eye irritant

**Respiratory or skin sensitization** Not a respiratory sensitizer

**Skin sensitization** Not a skin sensitizer

**Germ cell mutagenicity** No data available

**Carcinogenicity**

**IARC** Quartz (CAS 14808-60-7) is considered Class 1, carcinogenic to humans.

**ACGIH** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

**NTP** Quartz (CAS 14808-60-7) is known to be a human carcinogen.

**OSHA** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

**Reproductive toxicity** Not expected to be a hazard

**Specific target organ toxicity - single exposure** None expected

**Specific target organ toxicity - repeated exposure** None expected

**Aspiration hazard** Not an aspiration hazard.

**Chronic effects:** Prolonged and routine inhalation of high levels of respirable crystalline silica particles can lead to the lung disease known as silicosis. Some studies show excess numbers of cases of scleroderma, connective tissue disorders, lupus, rheumatoid arthritis, chronic kidney diseases and end-stage kidney disease in workers exposed to respirable crystalline silica. Pre-existing skin and respiratory conditions including dermatitis, asthma and chronic lung disease might be aggravated by exposure. Occupational exposure to respirable dust and respirable crystalline silica should be monitored and controlled.

**Section 12 Ecological Information**

<b>Ecotoxicity</b>	The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>Persistence and degradability</b>	No data available.
<b>Bioaccumulative potential</b>	Bioaccumulation is not expected.
<b>Mobility in soil</b>	No data available.
<b>Other adverse effects</b>	None expected.

**Section 13 Disposal Considerations**

Contact a licensed contractor for detailed recommendations. Follow applicable Federal, State, and local regulations.

**Section 14 Transport Information**

**DOT:** Not Regulated  
**IMDG** Not Regulated  
**IATA:** Not Regulated

**Section 15 Regulatory Information**

**US Federal Regulations**

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):** Not regulated.  
**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):** Not listed.  
**CERCLA Hazardous Substance List (40 CFR 302.4):** Not listed.  
**Superfund Amendments and Reauthorization Act of 1986 (SARA):** Delayed Hazard  
**SARA 302 Extremely hazardous substance:** Not listed.  
**SARA 311/312:** Yes  
**SARA 313 (TRI reporting):** Not regulated.

**State Regulations**

**US. Massachusetts RTK - Substance List:** Quartz (CAS 14808-60-7) Mica (CAS 12001-26-2)  
**US. New Jersey Worker and Community Right-to-Know Act:** Quartz (CAS 14808-60-7) Mica (CAS 12001-26-2)  
**US. Pennsylvania Worker and Community Right-to-Know Law:** Quartz (CAS 14808-60-7) Mica (CAS 12001-26-2)  
**US. Rhode Island RTK:** Not regulated.  
**US. California Proposition 65:** ⚠ **WARNING:** This product can expose you to chemicals including quartz, 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)."

**Section 16 Other Information continued**

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