



Section 1 Identification

Product identifiers

Product name: Freeman 240 Low Density Filler

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

Identified uses: Mineral lightweight aggregate

Details of the supplier of the safety data sheet

Freeman Manufacturing and Supply Company
 1101 Moore Road, Avon, OH 44011
 Phone (440) 934-1902
 FAX (440) 934-7200

24 Hour Emergency Phone Number: (800) 424-9300

Section 2 Hazards Identification

Classification of the substance or mixture

Not a hazardous substance or mixture.

GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

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

By destruction of the granules structure at improper use the dust may cause irritations at eyes and respiratory tract. Avoid contact with your eyes, skin or clothes

Section 3 Composition/Information on Ingredients

Ingredient Name	CAS Number
Glass spheres	65997-17-3

No ingredients are hazardous according to OSHA criteria.
 No components need to be disclosed according to the applicable regulations.

Section 4 First Aid Measures

Description of first aid measures

If inhaled

Move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Do not induce vomiting. Get immediate medical advice/attention.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

No data available.

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Section 5 Fire-Fighting Measures

Suitable extinguishing media

Product is non-flammable. The extinguishing agent should be chosen according to the primary cause of fire.

Special hazards arising from the substance or mixture

No special risks

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 dust formation.

For personal protection see section 8.

Environmental precautions

Do not let product enter drains. Product shouldn't get into the canalization, because it floats on the water due to its low density, and may cause blocked pipes

Methods and materials for containment and cleaning up

Sweep up and shovel.

Keep in suitable, closed containers for disposal.

Section 7 Handling and Storage

Precautions for safe handling

Avoid contact with eyes, skin, and clothing. Avoid generation of dust. Wear protective equipment to comply with good occupational hygiene practice. Wash thoroughly after handling. Do not eat, drink, or smoke at the work place.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed and dry. Protect against humidity.

Section 8 Exposure Controls/Personal Protection

Control parameters

Components with workplace control parameters

Ingredient	OSHA		ACGIH	
	PEL	STEL	TWA	STEL
Total Dust (nuisance)	15 mg/m ³	none established	10 mg/m ³	none established
Respirable Dust	5 mg/m ³	none established	none established	none established

Exposure controls

Appropriate engineering controls

Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions.

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Section 8 Exposure Controls/Personal Protection continued

Personal protective equipment

Eye/face protection

Wear safety glasses equipped with side shields.

Skin protection

Hand Protection

Wear suitable protective gloves to minimize skin contact.

Body Protection

Wear appropriate clothes to protect skin form irritation.

Respiratory Protection

The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. Wear suitable respiratory protective equipment if working in confined spaces with inadequate ventilation or where there is any risk of the exposure limits being exceeded.

Safety Stations

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

General Hygienic Practices

Avoid breathing dust.. 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

Appearance	Creamy-white granules
Odor	None
Odor Threshold	No data available
pH	No data available
Melting Point	Approximately 900°C
VOC Content	0
Initial boiling point & boiling range	No data available
Flash Point (COC)	Not relevant
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability	No data available
Vapor Pressure	No data available
Vapor density	No data available
Relative density (g/cc)	No data available
Water Solubility	Insoluble
Coefficient: n-octanol/ water	No data available
Auto-ignition temperature	No data available
Viscosity	No data available
Explosive Properties	None
Oxidizing Properties	None
% Volatile	0

Section 10 Stability and Reactivity

Reactivity

Not reactive

Chemical stability

Stable under recommended storage conditions

Possibility of hazardous reactions

None

Conditions to avoid

Not applicable

Incompatible materials

Hydrofluoric acid (HF)

Hazardous decomposition products

Material dissolves by generation of H₂SiF₆

Section 11 Toxicological Information

Information on toxicological effects

Acute toxicity

No data available

Inhalation

May cause irritation to the mucous membranes

Dermal

Dust may cause mechanical irritation

Skin corrosion/irritation

Dust may cause mechanical irritation

Serious eye damage/eye irritation

Dust may cause mechanical irritation

Respiratory or skin sensitization

Not sensitizing.

Germ cell mutagenicity

No data available

Carcinogenicity

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated 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

No data available

Specific target organ toxicity

- single exposure

No data available

Specific target organ toxicity

- repeated exposure

No data available

Aspiration hazard

No data available

Section 12 Ecological Information

Toxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

Not applicable

Results of PBT & vPvB assessment

No data available

Section 13 Disposal Considerations

Disposal

Dispose of in accordance with 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

RCRA Hazardous Waste Number (40 CFR 261.33): Not listed

RCRA Hazardous Waste Classification (40 CFR 261): Not classified

SARA 311/312 Codes: No hazard categories identified

SARA Toxic Chemical (40 CFR 372.65): No components were identified

TSCA Inventory Status: All ingredients listed on TSCA inventory requirements

Section 16 Other Information

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