

**Freeman 240 Low Density Filler**
**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.

**Freeman 240 Low Density Filler**

**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 <sup>3</sup>	none established	10 mg/m <sup>3</sup>	none established
Respirable Dust	5 mg/m <sup>3</sup>	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.

Freeman 240 Low Density Filler

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

<b>Appearance</b>	Creamy-white granules
<b>Odor</b>	None
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting Point</b>	Approximately 900°C
<b>VOC Content</b>	0
<b>Initial boiling point &amp; boiling range</b>	No data available
<b>Flash Point (COC)</b>	Not relevant
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper/lower flammability</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Vapor density</b>	No data available
<b>Relative density (g/cc)</b>	No data available
<b>Water Solubility</b>	Insoluble
<b>Coefficient: n-octanol/ water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive Properties</b>	None
<b>Oxidizing Properties</b>	None
<b>% Volatile</b>	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 H<sub>2</sub>SiF<sub>6</sub>

**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**

**Disclaimer**

The following supersedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict of liability arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.