

Section 1 Identification

Product identifiers

Product name: Mia 61 Calcium Carbonate

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

Identified uses: Powder-type filler

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

HMIS	
H	1
F	0
R	0
PPE	
Sec. 8	

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

Section 2 Hazards Identification

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

Carcinogenicity, Category 1A

Specific Target Organ Toxicity, repeated exposure Category 1 (Inhalation)

GHS Label elements, including precautionary statements



Signal word

Danger

Hazard statements

May cause cancer

May cause damage to lungs through prolonged or repeated exposure if inhaled.

Precautionary statements

Prevention

Wear protective gloves/eye protection/face protection.

Avoid breathing dust.

Do not eat, drink, or smoke when using this product.

Response

In case of inadequate ventilation wear respiratory protection.

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.

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 known

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Section 3 Composition/Information on Ingredients

Ingredient Name	CAS Number	Weight (%)
Ground Limestone	1317-65-3	90-100
Quartz (SiO ₂)	14808-60-7	1.7

Section 4 First Aid Measures

Description of first aid measures

If inhaled

Move person into fresh air. If not breathing, give artificial respiration. If symptoms persist, get medical attention.

In case of skin contact

Wash skin thoroughly with soap and plenty of water. Remove contaminated clothing. Seek medical attention if symptoms occur.

In case of eye contact

Flush eyes with water for at least 15 minutes. As a precaution remove any contact lenses, if worn. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Seek medical attention if irritation persists.

If swallowed

Do NOT induce vomiting unless directed to do so by medical personnel. If spontaneous vomiting occurs, place the victim's head below knee level. Never give anything by mouth to an unconscious person. Provided the patient is conscious, wash out mouth with water. Get medical attention if symptoms appear.

Section 5 Fire Fighting Measures

Extinguishing media

Suitable extinguishing media: Carbon dioxide, foam, dry chemical or water fog.

Special hazards arising from the substance or mixture

Subject to dust generation.

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Nature of decomposition products not known.

Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Use proper respiratory and personal protective equipment. MSHA/NIOSH or OSHA/NIOSH approved respirator recommended. Avoid breathing dust. For personal protection see section 8.

Environmental precautions

No special environmental precautions required.

Methods and materials for containment and cleaning up

Spilled material may cause slippery conditions when wet. Care should be exercised when walking on spills on floors or concrete pads. Vacuum, pump or scoop spilled material into containers for reclaiming or disposal.

Section 7 Handling and Storage

Precautions for safe handling

Minimize dust generation and accumulation. Provide appropriate exhaust ventilation.

Conditions for safe storage, including any incompatibilities

Store at ambient temperatures in closed containers. Do not heat this material above the flash point. Store away from acids.

Section 8 Exposure Controls/Personal Protection

Components with workplace control parameters

Ingredient	OSHA	STEL	ACGIH	STEL
	PEL		TWA	
Limestone (total dust)	15 mg/m ³	none estab.	2 mg/m ³	none estab.
Limestone (respirable fraction)	5 mg/m ³	none estab.	none estab.	none estab.
Quartz (total dust)	30 mg/m ³ / (%SiO ₂ +2)	none estab.	.025 g/m ³	none estab.
Quartz (respirable fraction)	10 mg/m ³ / (%SiO ₂ +2)	none estab.	none estab.	none estab.

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.

Personal protective equipment

Eye/face protection

With product at ambient temperatures, use safety glasses equipped with side shields.

Skin protection

Hand/body protection

With product at ambient temperatures, use disposable nitrile gloves. Contaminated gloves should be replaced. Prevent skin contact when handling material.

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.

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Section 9 Physical and Chemical Properties

Appearance	White powder, granular
Odor	Slight
Odor Threshold	No data available
pH	8.5-9.5
Melting Point	Decomposes below the melting point
Initial boiling point	Decomposes below the boiling point
Decomposition temperature	>600°C
Flash Point (COC)	No data available
Evaporation rate	No data available
Flammability (solid, gas)	Not flammable
Upper/lower flammability	Not applicable
Vapor Pressure (mmHg)	Not applicable
Vapor density (air=1)	>1
Relative density (g/cc)	>1
Water Solubility	0.014 g/l (20°C, 1,013 hPa)
Coefficient: n-octanol/ water	No data available
Auto-ignition temperature	No data available
Explosive properties	Not explosive

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

None known

Conditions to avoid

Creation of dust, heat, and flames.

Incompatible materials

Strong oxidizers and strong acids.

Hazardous decomposition products

Thermal decomposition is highly dependent on the combustion conditions. A complex mixture of airborne solid, liquid, particulate, and gases will evolve when this material undergoes pyrolysis or combustion. Oxides of carbon, and other unidentified organic compounds may be formed upon combustion.

Section 11 Toxicological Information

Acute eye toxicity

Not expected to cause prolonged or significant eye irritation.

Acute oral toxicity

LD50: 6450 mg/kg (rat), not considered to be toxic

Acute inhalation toxicity

Long term exposure to crystalline silica can cause lung injury (silicosis). IARC and NTP have determined that crystalline silica inhaled from occupational sources can cause cancer in humans. Risk of injury is dependent on the duration and level of exposure.

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Section 11 Toxicological Information continued

Acute dermal toxicity	Contact with the skin is not expected to cause prolonged or significant irritation. Contact with the skin is not expected to cause an allergic reaction. Not expected to be harmful to internal organs if absorbed through the skin. Wash thoroughly after handling.
Skin corrosion/irritation	Mild skin irritant
Serious eye damage/eye irritation	Mild eye irritant
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity (ACGIH)	IARC and NTP have determined that crystalline silica inhaled from occupational sources can cause cancer in humans.
Reproductive toxicity	Not expected to be a hazard
Specific target organ toxicity	
- single exposure	None expected
- repeated exposure	None expected

Section 12 Ecological Information

Toxicity	LC50 (Oncorhynchus mykiss (rainbow trout)): > 10,000 mg/l Exposure time: 96 h EC50 (Daphnia magna (Water flea)): > 1,000 mg/l Exposure time: 48 h EC50 (Desmodesmus subspicatus (green algae)): > 200 mg/l Exposure time: 72 h
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT & vPvB assessment	No data available

Section 13 Disposal Considerations

Waste generated during application, demolition, breakage, or spillage may be hazardous waste as defined by RCRA (40 CFR Part 261). Place waste and spillage in closed containers. Dispose of in approved landfill in accordance with federal, state, and local regulations. Do not pollute. Conserve resources.

Section 14 Transport Information

DOT: Not Regulated

Section 15 Regulatory Information

U.S. Federal Regulations

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity This material does not contain any components with a CERCLA RQ.

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 304: This material does not contain any components with a section 304 EHS RQ.

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Section 15 Regulatory Information continued

SARA 311/312: Acute/Chronic Health Hazard

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act: This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

U.S. State Regulations

California Proposition 65: ⚠️ **WARNING:** This product can expose you to quartz, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

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.