

Safety Data Sheet



Mia 63 Fumed Silica

Date of Preparation: December 1, 2015

Section 1 Chemical Product and Company Identification

1.1 Product identifiers

Product name: Mia 63 Fumed Silica

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

Identified uses: N/A

1.3 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

1.4 Emergency telephone number

Emergency Phone (800) 424-9300

HMIS

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PPE

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| Sec. 8 |
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Section 2 Hazards Identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

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

None.

Section 3 Composition/Information on Ingredients

3.1 Substance

| Ingredient Name | CAS Number |
|--------------------------------------|-------------|
| Silicon Dioxide, chemically prepared | 112945-52-5 |

No ingredients are hazardous according to OSHA criteria.

No components need to be disclosed according to the applicable regulations.

Section 4 First Aid Measures

4.1 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 plenty of water for at least 15 minutes. Get medical attention.

If swallowed

Rinse mouth and drink plenty of water. Get medical attention if symptoms appear.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

Mia 63 Fumed Silica

Section 5 Fire Fighting Measures

5.1 Extinguishing media

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

5.2 Special hazards arising from the substance or mixture

Nature of decomposition products not known.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available.

Section 6 Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation.

For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains, lakes, streams, ponds, groundwater, or soil.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel.

Keep in suitable, closed containers for disposal.

Section 7 Handling and Storage

7.1 Precautions for safe handling

Avoid creating dust. Provide appropriate exhaust ventilation at places where dust is formed.

7.2 Conditions for safe storage, including any incompatibilities

Store at ambient temperatures in closed containers. Do not heat this material above the flash point. Keep away from flame and open electrical coils. No chemical incompatibilities.

Section 8 Exposure Controls/Personal Protection

8.1 Control parameters

Components with workplace control parameters

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

8.2 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 (see below). An eye wash station and safety shower should be located near the workstation.

Mia 63 Fumed Silica

Section 8 Exposure Controls/Personal Protection cont.

8.3 Personal protective equipment

Eye/face protection

Wear safety glasses equipped with side shields. In case dusts are formed, wear close fitting protective goggles.

8.4 Skin protection

Hand Protection

With product at ambient temperatures, use disposable nitrile, neoprene or butyl rubber gloves with repeated or prolonged use.

Body Protection

Wear appropriate clothes if there is potential for skin irritation from dust.

8.5 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.

8.6 Safety Stations

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

8.7 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

9.1 Information on basic physical and chemical properties

| | |
|--|---------------------|
| Appearance | Solid white powder |
| Odor | None |
| Odor Threshold | No data available |
| pH | No data available |
| Melting Point | No data available |
| 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) | 2.2+/-0.05 (tamped) |
| Water Solubility | No data available |
| 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 |

Mia 63 Fumed Silica

Section 10 Stability and Reactivity

10.1 Reactivity

None.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None.

10.4 Conditions to avoid

Heat, open flames, and conditions that create dust.

10.5 Incompatible materials

None.

10.6 Hazardous decomposition products

No data available.

Section 11 Toxicological Information

11.1 Information on toxicological effects

Acute toxicity No data available

Inhalation No data available

Dermal No data available

Skin corrosion/irritation No data available

Serious eye damage/eye irritation No data available

Respiratory or skin sensitization No data available

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.

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 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

12.1 Toxicity No data available

12.2 Persistence and degradability No data available

12.3 Bioaccumulative potential No data available

12.4 Mobility in soil No data available

12.5 Results of PBT & vPvB assessment No data available

Mia 63 Fumed Silica

Section 13 Disposal Considerations

13.1 Disposal

Use safety containers for disposal. Contact your supplier or 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

15.1 US Federal Regulations

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

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

CERCLA Hazardous Substance (40 CFR 302.4): Listed/unlisted specific per RCRA Sec. 3001

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

15.2 State Regulations

California Proposition 65: Not listed

Section 16 Other Information

16.1 Disclaimer

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