

Section 1 Identification

Product identifiers

Product name: Mia 62 Wood Flour

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

Identified uses: None identified

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	1
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)

Acute Toxicity, inhalation Category 5
 Skin irritation, Category 2
 Serious eye damage/eye irritation, Category 2B
 Carcinogenicity, Category 2

GHS Label elements



Signal word

Warning

Hazard statements

Causes skin irritation.
 May be harmful if inhaled.
 Suspected of causing cancer of the nasal cavities and paranasal sinuses.
 Causes eye irritation.
 May cause an allergic skin reaction.
 May form combustible dust concentrations in air.

Precautionary statements

Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 Wash skin thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Use only in a well-ventilated area. Avoid breathing dust.
 Wear protective gloves/protective clothing/eye protection/face protection.

Response

If inhaled: Remove person to fresh air and call doctor/physician if not feeling well.

Section 2 Hazards Identification continued

If in eyes: Rinse continuously with water for at least 15 minutes. Remove contact lenses, if present and easy to do.
 If skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Take off contaminated clothing and wash before reuse.

Storage

Store in a well-ventilated place. Keep cool.

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 Concentration %
Cellulose	9004-34-6	100

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. If skin irritation continues, consult a doctor.

In case of eye contact

Remove contact lenses, if worn. Flush opened eyes thoroughly with water. If irritation persists, get medical assistance.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Do not induce vomiting. Call for medical help immediately.

Notes to Physician

Treat Symptomatically

Section 5 Fire-Fighting Measures

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

Depending on the moisture content and particulate diameter, wood dust may explode in the presence of an ignition source. An airborne concentration of 40 grams of dust per cubic meter of air is often used as the LEL for wood dusts. In the form of dust, this material is sensitive to static discharge and may form explosive mixtures in air.

Section 5 Fire-Fighting Measures continued

Advice for firefighters

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Avoid breathing dust. For personal protection see section 8.

Environmental precautions

If possible, do not let product enter drains.

Methods and materials for containment and cleaning up

Sweep up and shovel, using non-sparking tools.
 Keep in suitable, closed containers for disposal.

Section 7 Handling and Storage

Precautions for safe handling

Wash hands and face thoroughly after handling this product. Do not eat, drink, or smoke while handling this product. Avoid breathing dusts generated by this product. Use in a well-ventilated location.

Conditions for safe storage, including any incompatibilities

Avoid open flame. Store in a dry, cool, clean, and ventilated area to avoid heat and humidity. Wood dust is an explosion hazard if a dust cloud contains an ignition source.

Section 8 Exposure Controls/Personal Protection

Components with workplace control parameters

Ingredient	OSHA		ACGIH
	PEL	STEL	TWA
Wood/wood dust	5 mg/m ³ (respirable fraction)	15 mg/m ³ (total dust)	1 mg/m ³ (inhalable fraction)

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

Use safety glasses equipped with side shields, or vented goggles.

Skin protection

Hand Protection

With product at ambient temperatures, use disposable neoprene, butyl rubber, nitrile, or other suitable material gloves. Gloves should be replaced at the first sign of wear.

Section 8 Exposure Controls/Personal Protection continued

Body Protection

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.

Section 9 Physical and Chemical Properties

Appearance	Light to dark colored granular solid
Odor	No data available
Odor Threshold	No data available
pH	No data available
Melting Point	No data available
VOC Content	No data available
Initial boiling point & boiling range	No data available
Flash Point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	Combustible Solid
Explosive limit - LEL	40 g/m ³ (in air by volume, %)
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	≤ 212°F
Decomposition temperature	500-518°F

Section 10 Stability and Reactivity

Reactivity	Bromine, Pentafluoride, Sodium, Nitrate, Fluorine, Strong Oxidizers.
Chemical stability	Stable under recommended storage conditions
Possibility of hazardous reactions	None
Conditions to avoid	Ignition sources
Incompatible materials	Oxidizing agents and drying oils
Hazardous decomposition	Thermal oxidative decomposition can produce irritating and toxic fumes and gases, including CO, aldehydes and organic acids.

Section 11 Toxicological Information

Information on toxicological effects

Acute oral toxicity	LD50 Oral – Rat - >5,000 mg/kg
Acute inhalation toxicity	No data available
Acute dermal toxicity	LD50 Dermal – Rabbit - >2,000 mg/kg
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	Not a skin sensitizer
Germ cell mutagenicity	No data available
Carcinogenicity:	
IARC	Wood dust is considered a human carcinogen group 1.
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	Wood dust 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	No data available
Specific target organ toxicity - single exposure	May cause respiratory irritation
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	Not expected to be a hazard

Section 12 Ecological Information

Toxicity	No data available
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 Treatment Methods

Product: The product should not be allowed to enter drains, water courses, or the soil. Use safety containers for disposal. Contact a licensed waste management company for detailed recommendations. Follow applicable Federal, state, and local regulations.

Section 14 Transport Information

DOT: Not regulated
TDG: 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
CERCLA Hazardous Substance Reportable Quantity (RQ): None
SARA 311/312 Codes: Not subject to reporting requirements
SARA Toxic Chemical (40 CFR 372.65): Not listed
TSCA Inventory Status: All ingredients listed on TSCA inventory requirements

US State Regulations

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

Canada

DSL (Canadian Domestic Substance List): All components listed

Europe

EINECS (European Inventory of Existing Chemical Substances): All components listed

Section 16 Other Information

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