

Section 1 Identification

Product Name

Marco MV Maple Dieboard

Relevant identified uses

Flat maple dieboard - For Industrial Use Only

Details of the supplier of the safety data sheet

Freeman Manufacturing & Supply Company

1101 Moore Road, Avon, OH 44011 USA

Telephone: (440) 934-1902

Email: contactus@freemansupply.com

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

Section 2 Hazards Identification

Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)

This product is not hazardous in the form that it is shipped.

Classification in accordance with Canada WHMIS

Not Controlled

Component determining hazards: Wood dust

Sawing, sanding or machining wood or wood products can generate wood dust. Wood dust may ignite or form explosive mixture with air in the presence of an ignition source. Product dust may be irritating to eyes, skin or respiratory system.

Classification of Wood Dust in accordance with 29 CFR 1910.1200 (OSHA HCS)

Carcinogen, Category 2

Eye Irritation, Category 2B

Skin Irritation, Category 3

Specific Target Organ Toxicity, Single Exposure, Category 3

GHS Label Elements



Warning

Hazard Statement

H351 Suspected of causing cancer

H320 Causes eye irritation

H316 Causes mild skin irritation

H335 May cause respiratory irritation

Precautionary Statement

P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection

P264 Wash thoroughly after handling. P261 Avoid breathing dust/fume/gas/mist/vapors/spray

P271 Use only outdoors or in a well-ventilated area.

P308+P313 IF exposed or concerned: Get medical advice/attention

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention

P332+P313 If skin irritation persists: Get medical advice/attention

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a Poison Center/Doctor if you feel unwell

P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up

P501 Dispose of contents/container in accordance with local/regional/national/international regulations

Section 3 Composition/Information on Ingredients

Ingredient Name	CAS Number	Weight %
Maple veneers	Not Applicable	>99
CARB-compliant adhesive	Not Applicable	<0.1

Section 4 First Aid Measures

Eye contact: If dust from this product enters the eyes, open contaminated individual's eyes while under gently running water or eye wash station. Use sufficient force to open eyelids. Remove contact lenses if worn. Have contaminated individual "roll" eyes. Minimum flushing is for 15 minutes. Contaminated individual should seek medical attention if irritation develops or persists or if visual changes occur.

Skin contact: If dust from this product contaminates the skin, begin decontamination with running water. Remove exposed or contaminated clothing, taking care not to contaminate eyes. The contaminated individual should seek medical attention if any adverse effect occurs.

Inhalation: If dust generated by this product is inhaled, remove contaminated individual to fresh air.

Ingestion: If wood dust is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

Medical conditions aggravated by exposure: Individuals with pre-existing skin disorders or respiratory conditions may aggravate condition by exposure to wood dust.

Recommendations to physicians: Treat symptoms and reduce over-exposure.

Section 5 Fire-Fighting Measures

Suitable extinguishing media

Use alcohol-resistant foam, dry chemical, sand or carbon dioxide. Do not use forced stream water as this could cause fire to spread.

General fire hazards

Wood is combustible when exposed to heat or flame. Wood dusts may form explosive mixtures with air in the presence of an ignition source. An airborne dust concentration of 40 g/m³ of air is often used as the lower explosion limit (LEL) for wood dust. Avoid prolonged breathing of wood dust or decomposition products.

Protective equipment and precautions for firefighters

Incipient fire responders should wear eye protection. Structural firefighters responding to structural fires must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from the 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

Wear appropriate protective equipment and clothing during clean-up, see Section 8. Ensure adequate ventilation. Avoid inhalation of dust during clean up.

Methods for cleaning up

Vacuum or wet sweep small wood pieces and dust; place in appropriate container for disposal. Gather larger pieces by an appropriate method. Reduce airborne dust by use of wet methods and prevent scattering by moistening with water.

Section 7 Handling and Storage

Precautions for safe handling

When the boards are machined (sawn, sanded, drilled, routed, planed, etc.) wood dust is produced. Wood dust can form an explosive mixture in air. Provide appropriate exhaust ventilation at machinery and at places where dust can be generated. Keep away from heat and sources of ignition. Keep formation of airborne dusts to a minimum.

Wood dust and splinters may cause irritation of the nose and throat, eyes and skin. Some woods may be sensitizers, and some people may develop allergic dermatitis or asthma. Use personal protective equipment as appropriate. Avoid frequent or prolonged inhalation of wood dust. Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling.

Conditions for safe storage

Store flat, supported and protected from direct contact with the ground. In higher temperatures (>212°F) there may be a buildup of noxious gases. Keep in a well-ventilated place away from incompatible materials. Store in a cool dry place.

Section 8 Exposure Controls/Personal Protection

Components with workplace control parameters

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

Appropriate engineering controls

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above. Use local exhaust ventilation to control airborne vapors.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada. Please reference applicable regulations and standards for relevant details.

Personal Protective Equipment

Eye/face protection: Wear safety glasses as appropriate where contact is possible.

Skin protection: Wear safety glasses as appropriate where contact is possible. Use body protection appropriate to prevent skin contact (e.g. lab coat, overalls).

Respiratory protection: Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93.

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	Rigid boards or panels
Color	Light to dark tan
Odor	Mild, resinous wood
Odor threshold	Not applicable
pH	Neutral
Flash Point	Not applicable
Melting point / freezing point	Not applicable
VOC	Not applicable
Initial boiling point	No data available
Evaporation rate (Butyl Acetate = 1)	Not applicable
Flammability (solid)	Combustible

Section 9 Physical and Chemical Properties

Upper flammability limits	No data available
Lower flammability limits	40 g/m ³ for wood dust (in air, % by volume)
Vapor pressure	Not applicable
Vapor density	Not applicable
Specific gravity	No data available
Solubility in water	Insoluble
Coefficient: n-octanol/water	Not applicable
Autoignition Temperature	Approximately 400-500°F (204-260°C)

Section 10 Stability and Reactivity

Reactivity	None known.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	None.
Conditions to avoid	Heat and open flames. Product may ignite in excess of 400°F Dust may form explosive mixture in air.
Incompatible materials	Oxidizing agents, peroxides.
Hazardous decomposition	Thermal decomposition may emit irritating fumes or gases of carbon monoxide, carbon dioxide.
Hazardous polymerization	Not applicable

Section 11 Toxicological Information

Toxicological information

No toxicological data available for this product.

Toxicological information of component: Wood/wood dust (CAS # Not Assigned)

Wood dust may cause dryness, irritation, coughing or sinusitis. IARC and NTP classify wood dust as a carcinogen. This classification is based on the increased occurrence of adenocarcinomas of the nasal cavities and paranasal sinuses associated with exposure to wood dust. The evaluation noted insufficient evidence to associate cancer of the oropharynx, hypopharynx, lung, lymphatic and hematopoietic systems, stomach, colon or rectum with exposure to wood dust.

Acute inhalation toxicity Wood dust may cause respiratory irritation, nasal dryness, coughing, wheezing and sneezing

Chronic inhalation toxicity Wood dust may cause respiratory sensitization and/or irritation.

Acute dermal toxicity Wood dust may cause dermatitis on prolonged, repetitive contact

Skin corrosion/irritation Wood dust is a skin irritant

Serious eye damage/eye irritation Wood dust is an eye irritant

Germ cell mutagenicity No data available

Carcinogenicity

IARC: Wood dust is considered Group 1 (Carcinogenic to Humans). This classification is based primarily on IARC's evaluation of increased risk in the occurrence of adenocarcinomas of the nasal cavities and paranasal sinuses associated with exposure to wood dust.

NTP: Report on Carcinogens - Known Human Carcinogen

OSHA: Hazard Communication Carcinogens - Present

Reproductive toxicity Not available

Specific target organ toxicity - single exposure Wood dust 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

Ecotoxicity This wood product does not pose an ecological hazard when used as intended.

Section 13 Disposal Considerations

Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose of material according to Local, State, Federal, and Provincial Environmental Regulations. Wood dust is not considered hazardous waste under Federal Hazardous Waste Regulations 40 CFR 261.

Section 14 Transport Information

Department of Transportation (DOT) Shipping Regulations

This product is not regulated as a hazardous material by the United States (DOT) transportation regulations.

Canadian Transportation of Dangerous Goods (TDG) Requirements

Not regulated as dangerous goods.

Section 15 Regulatory Information

US Federal Regulations

OSHA: Wood and wood products are considered manufactured articles and are exempt under OSHA's Hazard Communication Standard 29 CFR 1910.1200.

Wood dust, a by-product generated from sawing, sanding or machining wood and wood products, is considered hazardous and is regulated under the Hazard Communication Standard 29 CFR 1910.1200.

SARA Reporting Requirements: The components of this product are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

Canadian WHMIS

This is not considered to be a hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations and is therefore subject to the labeling and MSDS requirements of the Workplace Hazardous Materials Information System (WHMIS). Labeling not required.

European Economic Community Information

This product meets the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

Inventory Status

TSCA: The components of this product are listed on the US Toxic Substance Control Act Inventory or are exempted from listing.

DSL/NDSL Inventory: All of the components of this product are on the Canadian DSL Inventory

California Proposition 65: Ingredients within this product are not on the Proposition 65 Lists.



WARNING: Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer.

Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection.

For more information go to www.P65Warnings.ca.gov/wood

Section 16 Other Information

Disclaimer

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Date of Initial Release: August 29, 2023

Date of Previous Revision: Not applicable