

**Section 1 Identification**

**Product identifiers**

Product name: UltraFlat Maple Dieboard

**Relevant identified uses**

For Industrial Use Only

**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**

HMIS	
H	1
F	1
R	0
PPE Sec. 8	

**Section 2 Hazards Identification**

**GHS Hazard Category:** 5 (Minimal Hazard)

Hazard Type: Possible creation of airborne wood dust by sanding or sawing this material. Health

Hazards: Wood dust can cause eye and skin irritation upon contact. Various species of wood dust can cause allergic contact dermatitis in sensitized individuals. Inhalation of dust can cause respiratory tract irritation. Wood dust has been identified as a carcinogen.

Flammability Hazards: Wood dust can be extremely combustible and explosive when airborne. Wood dust can be a strong to severe explosion hazard if a "cloud" contains an ignition source.

**GHS Label Elements**

Hazard Pictograms: Not Applicable

**Section 3 Composition/Information on Ingredients**

**Substance/Mixture:** Composite Solid

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable are classified as hazardous to health or the environment.

Ingredient	CAS No.	Percent
Hardwood Veneer	Not Applicable	88.5
Water Based Adhesive	Not Applicable	11
Adhesive Catalyst	7446-70-0	0.5

**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** Not applicable.

**Section 5 Fire-Fighting Measures**

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

**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/m<sup>3</sup> 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**  
 Firefighters should wear full protective clothing including self contained breathing apparatus. Partially burned dust is especially hazardous if dispersed into the air. Wet down to reduce likelihood of ignition or dispersion. Remove burned or wet dust to open, secure area after fire is extinguished.

**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**  
 Avoid breathing dusts generated by this product. Wood dust generated by sawing or sanding this material can have a strong to severe explosion hazard if a dust "cloud" contains an ignition source.

**Conditions for safe storage**  
 Store flat, supported and protected from direct contact with the ground. Keep in a well-ventilated place away from incompatible materials. Store in a cool dry place.

**Section 8 Exposure Controls/Personal Protection**

**Appropriate engineering controls**

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided. Use local exhaust ventilation, and process enclosure if necessary, to control airborne dust.

**Personal protective equipment**

**Eye/face protection**

When engaged in activities where dust could contact the eye, wear safety glasses with side shields or goggles. In extremely dusty environments and unpredictable environments, wear unvented or indirectly vented goggles to avoid eye irritation or injury. Contact lenses should not be worn when working in extremely dusty environments.

**Skin protection**

Impervious protective clothing and gloves recommended to prevent drying or irritation of skin. Ensure compliance with OSHA's PPE standards (29 CFR 1910.132 (general) and 138 (hand protection))

**Respiratory Protection**

Maintain airborne contaminant concentrations below guidelines listed above. Use NIOSH approved respirator when allowable dust exposure limits may be exceeded.

**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>	Rigid boards or panels
<b>Color</b>	Light to dark tan
<b>Odor</b>	Resinous wood
<b>Odor threshold</b>	Not applicable
<b>pH</b>	Not applicable
<b>Boiling point</b>	Not applicable
<b>Melting point / Freezing point</b>	Not applicable
<b>VOC Content</b>	No data available
<b>Initial boiling point &amp; boiling range</b>	No data available
<b>Evaporation rate (Butyl Acetate = 1)</b>	Not applicable
<b>Flammability (solid)</b>	Combustible
<b>Upper flammability limits in air, % by volume</b>	No data available
<b>Lower flammability limits in air, % by volume</b>	40 g/m <sup>3</sup> for wood dust
<b>Vapor pressure</b>	Not applicable
<b>Vapor density</b>	Not applicable
<b>Specific gravity</b>	Varies based on species
<b>Solubility in water (% by weight)</b>	Insoluble
<b>Coefficient: n-octanol/water</b>	Not applicable
<b>Auto-ignition temperature</b>	Not applicable

<b>Section 10 Stability and Reactivity</b>	
<b>Stability</b>	Stable under recommended storage conditions
<b>Possibility of hazardous reactions</b>	None known
<b>Conditions to avoid</b>	Heat and ignition sources
<b>Incompatible materials</b>	Oxidizing agents, peroxides
<b>Hazardous decomposition</b>	Thermal decomposition may emit irritating and toxic fumes and gases, including carbon monoxide, aldehydes and organic acids
<b>Hazardous polymerization</b>	Not applicable
<b>Section 11 Toxicological Information</b>	
<b>Toxicological information</b>	
No toxicological data available for this product.	
Wood dust (softwood or hardwood) OSHA hazard rating = 3.3; moderately toxic with probable oral lethal dose to humans being 0.5 – 5 g/kg (about 1 pound for a 150 pound person). Source: OSHA Regulated hazardous Substances, Government Institutes, Inc.	
<b>Acute inhalation toxicity</b>	Wood dust may cause respiratory irritation, nasal dryness, coughing, wheezing and sneezing
<b>Chronic inhalation toxicity</b>	Wood dust may cause respiratory sensitization and/or irritation.
<b>Acute dermal toxicity</b>	Wood dust may cause dermatitis on prolonged, repetitive contact
<b>Skin corrosion/irritation</b>	Wood dust is a skin irritant
<b>Serious eye damage/eye irritation</b>	Wood dust is an eye irritant
<b>Germ cell mutagenicity</b>	No data available
<b>Carcinogenicity</b>	
<b>IARC</b>	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 para nasal sinuses associated with exposure to wood dust.
<b>NTP</b>	Report on Carcinogens - Known Human Carcinogen
<b>OSHA</b>	Hazard Communication Carcinogens - Present
<b>Reproductive toxicity</b>	Not available
<b>Specific target organ toxicity</b>	
<b>- single exposure</b>	Wood dust may cause respiratory irritation
<b>Specific target organ toxicity</b>	
<b>- repeated exposure</b>	No data available
<b>Aspiration hazard</b>	Not expected to be a hazard
<b>Section 12 Ecological Information</b>	
<b>Ecotoxicity</b>	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.

**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.

**Section 15 Regulatory Information**

**U.S. 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.

**U.S. SARA Threshold Planning Quantity:** There are no specific Threshold Planning Quantities for the components of this product.

**U.S. CERCLA Reportable Quantity (RQ):** None

**U.S. TSCA Inventory Status:** The components of this product are listed on the TSCA Inventory or are exempted from listing.

**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](http://www.P65Warnings.ca.gov/wood)

**Section 16 Other Information**

**Disclaimer**

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