

Section 1 Identification

Product identifiers

Product name: XP Rotary Dieboard

Relevant identified uses

Base for Cutting Dies
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 : 4, 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	84.5 - 88.5
High Density Overlay	Not Applicable	0 - 9.5
Water Based Adhesive	Not Applicable	5.5 - 11.0
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.

Unusual Fire & Explosion
 Wood dust from sawing, sanding, or machining can be explosive in the presence of an ignition source depending on particle size and moisture content. 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
 Firefighters should wear full protective clothing including self contained breathing apparatus.

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. Place recovered wood dust in a container for disposal.

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

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

Section 10 Stability and Reactivity

Stability	Stable under recommended storage conditions
Possibility of hazardous reactions	None known
Conditions to avoid	Avoid open flame and ignition sources. Product may ignite at temperatures in excess of 400°F (204°C).
Incompatible materials	None known
Hazardous decomposition	Thermal decomposition may emit irritating and toxic fumes and gases, including carbon monoxide, aldehydes and organic acids
Hazardous polymerization	Not applicable

Section 11 Toxicological Information

Toxicological information

No toxicological data available for this product.

Wood or cellulose dust (hardwood or softwood) 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. Can cause skin, eye and respiratory irritation from prolonged or repeated exposure.

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 para nasal 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.
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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
 Non-Regulated Material

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. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.

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

Section 16 Other Information

Disclaimer

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