



SAFETY DATA SHEET

HARDWOODS (BASS, MAHOGANY, MAPLE, WALNUT, CHERRY) AND ASSOCIATED SAWDUST

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Hardwoods (bass, mahogany, maple, walnut, cherry) and Associated Sawdust (<i>Ochroma lagopus</i> and <i>Ochroma pyramidale</i>)
Article Number	NA
Other Names	NA
Product Use	Structural core material, model making, surfboards.
Company Name	Midwest Products Co., Inc
Address	400 S Indiana St Hobart, Indiana 46342 United States of America
Telephone Number	+12199421134
Emergency Telephone	+12199421134

2. HAZARDS IDENTIFICATION

HAZARDOUS SUBSTANCE. NOT DANGEROUS GOODS.

Wood dust is classified as hazardous according to the criteria of OSHA and California Prop 65

Risk Phrases	For wood dust: R2 Risk of explosion by fire or other source of ignition. R36 Irritating to eyes. R37 Irritating to respiratory system. R42 May cause sensitization by inhalation. R43 May cause sensitization by skin contact. R49 May cause cancer by inhalation.
Safety Phrases	S16 Keep away from sources of ignition. S22 Do not breathe dust. S25 Avoid contact with eyes S39 Wear eye / face protection. S51 Use only in well ventilated areas.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient (common name)	CAS Number	Proportion of Ingredients
Hardwoods	NA	100%

Product contains no hazardous ingredients per 29 CFR 1910.1200

4. FIRST AID MEASURES

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Inhalation	In mild cases of hardwoods dust inhalation, remove affected person from the area and into fresh air. In extreme cases, when breathing is hindered or stopped, immediately call emergency medical services. If breathing is hindered, give oxygen. If breathing is stopped administer CPR.
Ingestion	If large quantities have been ingested, seek prompt medical attention.
Skin	Wash dust off of skin with soap and water.
Eyes	Irrigate eyes with water, lifting lower and upper eyelids. If irritation persists, seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	For major fires call the Fire Department. Ensure that an escape path is available from any fire. Smother flames with water, dry chemical CO ₂ . Wood will smolder unless fully extinguished. Wet wood dust with water to prevent dispersion into the air.
Precautions for Fire Fighters	Wood dust is a strong to severe explosion hazard if a dust "cloud" contacts an ignition source. Wear protective clothing and self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Methods for Containment and Cleanup Pick up wood mechanically. Sweep up or vacuum any dust, taking care not to inhale the dust.

7. HANDLING AND STORAGE

Storage	Store in a dry place.
Handling	Do not breathe in any wood dust and avoid eye contact with wood dust.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standard OSHA	Wood dust (hardwood wood): TWA: = 15 mg/m ³ (total dust) TWA = 5 mg/ m ³ (respirable fraction)
Engineering Controls	Ensure adequate ventilation when working with hardwoods and dust is created. Work areas should be cleaned daily and dust should be removed by vacuum cleaning or the wet sweeping method. Under factory conditions, sawing, drilling and sanding should be done with equipment fitted with local exhaust devices capable of removing wood dust, at the source. Hand power tools should be fitted with dust bags and used in well ventilated areas.
Personal Protection Respiratory Protection	Wear a breathing filter mask when working with hardwoods and dust is created.

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Body Protection	Wear overalls when working with hardwoods and dust is created.
Eye protection	Clean skin thoroughly after work. Wear safety glasses when working with hardwoods.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White to dark brown colored woods. The grain of the wood is hard to the touch. hardwood dust is white to light brown colored fibrous dust.
Odor	None
Vapor Pressure	Not applicable
Density at 20°C	60 - 250kg/m ³
Freezing / Melting point	Not applicable
pH	No information available
Solubility	Insoluble
Specific Gravity	No information available
Flash Point	No Information available
Flammable Limits LEL	No information available
Flammable Limits UEL	No information available
Ignition Temperature	> 200°C

10. STABILITY AND REACTIVITY

Chemical Stability	Stable
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, organic acids, traces of hydrocarbons.
Hazardous Reactions	Wood dust may pose a strong to severe explosion hazard if cloud of wood dust comes into contact with an ignition source.
Incompatible Materials	Strong oxidizers may cause wood to ignite.
Conditions to Avoid	Keep away from sources of ignition.

11. TOXICOLOGICAL INFORMATION

Toxicity Studies	No information available
Routes of Exposure	Inhalation, Ingestion, Eye, Skin

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Health Effects from Likely Routes of Exposure

Inhalation: Breathing in or inhaling wood dust can cause mild dryness and obstruction of the nasal passages. Excessive inhalation of wood dust can cause coating of the lungs, resulting in asphyxiation. Coughing, wheezing and sneezing, sinusitis and colds may also result from inhalation.

Ingestion: No information available. Unlikely to occur.

Eye: Dust contact with eyes may cause dryness, irritation, redness and tearing.

Skin: May cause itching and dermatitis.

Medical Conditions Generally Aggravated by Exposure

Sensitizer notice: Wood dust is a sensitizer and may cause a specific immune response in some people, known as. Exposure to a sensitizer, once sensitization has occurred, may manifest itself as a skin rash or inflammation or as an asthmatic condition, and in some individuals this reaction can be extremely severe.

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Effects of Overexposure	Inhaling excessive amounts of wood dust can result in asphyxiation.
Carcinogenicity	Wood dust is carcinogenic to humans. Wood dust is classified as a group 1 carcinogen by the IARC based on based on examination of the nasal cavities and paranasal sinuses associated with exposure to wood dust.
Birth Defect Information	No information available.
Reproduction information	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not toxic to the environment.
Persistence / Degradability	Natural material, biodegradable.
Mobility	No information available

13. DISPOSAL CONSIDERATIONS

Disposal methods and containers Dispose of at designated landfill or incinerate. Place wood dust in an appropriate container and dispose of at designated landfill. Do not allow wood dust to enter waterways or sewers.

Special precautions for incineration Dispose or incinerate in accordance with local, state and landfill or incineration Commonwealth regulations.

14. TRANSPORT INFORMATION

	Not classified as dangerous by the Australian Dangerous Goods Code. Unless required by other regulations, there are no special transport requirements.
UN Number	Not Applicable
Proper Shipping Name	Not Applicable
Dangerous Goods Class	Not Applicable
Hazchem Code	Not Applicable
Packing Group	Not Applicable
Special Precautions	None

15. REGULATORY INFORMATION

Wood dust is listed in the Exposure Standards for Atmospheric Contaminants in the Occupational Environment.

16. OTHER INFORMATION

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Last Revision of SDS	Rev 1.0 (25/9/2015)
Prepared by	Midwest Products
Abbreviations Used	CAS Number Chemical Abstracts Service Registry Number
	ES-STEL Exposure standard – short term exposure limit
	ES-TWA Exposure standard – time weighted average
	IARC International Agency for Research on Cancer
	NOHSC National Occupational Health and Safety Commission
	UN Number United Nations Number
	OSHA Occupational Safety and Health Administration
Emergency Contacts	
Midwest Products	+12199421134
Police and Fire Department	911
Poisons Information Centre	US 18002221222

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Please read instructions / label before using product.

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