



## SAFETY DATA SHEET

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

#### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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

<b>Risk Phrases</b>	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.
<b>Safety Phrases</b>	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

2/07/2005

1/6

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



## SAFETY DATA SHEET

<b>Inhalation</b>	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.
<b>Ingestion</b>	If large quantities have been ingested, seek prompt medical attention.
<b>Skin</b>	Wash dust off of skin with soap and water.
<b>Eyes</b>	Irrigate eyes with water, lifting lower and upper eyelids. If irritation persists, seek medical attention.

### 5. FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	For major fires call the Fire Department. Ensure that an escape path is available from any fire. Smother flames with water, dry chemical CO <sub>2</sub> . Wood will smolder unless fully extinguished. Wet wood dust with water to prevent dispersion into the air.
<b>Precautions for Fire Fighters</b>	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

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

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure Standard</b> <b>OSHA</b>	Wood dust (hardwood wood): TWA: = 15 mg/m <sup>3</sup> (total dust) TWA = 5 mg/ m <sup>3</sup> (respirable fraction)
<b>Engineering Controls</b>	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.
<b>Personal Protection</b> Respiratory Protection	Wear a breathing filter mask when working with hardwoods and dust is created.

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



## SAFETY DATA SHEET

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.

2/07/2005

2/5

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	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.
<b>Odor</b>	None
<b>Vapor Pressure</b>	Not applicable
<b>Density at 20°C</b>	60 - 250kg/m <sup>3</sup>
<b>Freezing / Melting point</b>	Not applicable
<b>pH</b>	No information available
<b>Solubility</b>	Insoluble
<b>Specific Gravity</b>	No information available
<b>Flash Point</b>	No Information available
<b>Flammable Limits LEL</b>	No information available
<b>Flammable Limits UEL</b>	No information available
<b>Ignition Temperature</b>	> 200°C

### 10. STABILITY AND REACTIVITY

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

### 11. TOXICOLOGICAL INFORMATION

<b>Toxicity Studies</b>	No information available
<b>Routes of Exposure</b>	Inhalation, Ingestion, Eye, Skin

2/07/2005

3/6

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



## SAFETY DATA SHEET

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



## SAFETY DATA SHEET

<b>Effects of Overexposure</b>	Inhaling excessive amounts of wood dust can result in asphyxiation.
<b>Carcinogenicity</b>	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.
<b>Birth Defect Information</b>	No information available.
<b>Reproduction information</b>	No information available.

### 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Not toxic to the environment.
<b>Persistence / Degradability</b>	Natural material, biodegradable.
<b>Mobility</b>	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.
<b>UN Number</b>	Not Applicable
<b>Proper Shipping Name</b>	Not Applicable
<b>Dangerous Goods Class</b>	Not Applicable
<b>Hazchem Code</b>	Not Applicable
<b>Packing Group</b>	Not Applicable
<b>Special Precautions</b>	None

### 15. REGULATORY INFORMATION

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

### 16. OTHER INFORMATION

2/07/2005 5/6  
 HARDWOODS (BASS, MAHOGANY, MAPLE, WALNUT, CHERRY) AND ASSOCIATED SAWDUST



## SAFETY DATA SHEET

<b>Last Revision of SDS</b>	Rev 1.0 (25/9/2015)
<b>Prepared by</b>	Midwest Products
<b>Abbreviations Used</b>	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

<b>Midwest Products</b>	+12199421134
<b>Police and Fire Department</b>	911
<b>Poisons Information Centre</b>	US 18002221222

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Please read instructions / label before using product.

2/07/2005

6/6

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