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V# 058082

SAFETY DATA SHEET

HARDWOOD PLYWOOD AND ASSOCIATED SAWDUST

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name Hardwood Plywood and Associated Sawdust (*Ochroma lagopus* and *Ochroma pyramidale*)
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



SAFETY DATA SHEET

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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

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| | For major fires call the Fire Department. Ensure that an escape path is available from any fire. |
| Suitable Extinguishing Media | 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

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| 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. |
| Body Protection | Wear overalls when working with hardwoods and dust is created. Clean skin thoroughly after work. |

HARDWOOD PLYWOOD AND ASSOCIATED SAWDUST



SAFETY DATA SHEET

Eye protection

Wear safety glasses when working with hardwoods.

2/07/2005

2/5

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

White to light 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/m³

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

2/07/2005

HARDWOOD PLYWOOD ASSOCIATED SAWDUST

3/6



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.



SAFETY DATA SHEET

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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

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|------------------------------------|----------------------------------|
| 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

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| | 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



SAFETY DATA SHEET

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| Last Revision of SDS | Rev 1.0 (25/9/2015) | |
| Prepared by | Midwest Products | |
| Abbreviations Used | CAS Number ES-STEL ES-TWA IARC NOHSC UN Number OSHA | Chemical Abstracts Service Registry Number Exposure standard – short term exposure limit Exposure standard – time weighted average International Agency for Research on Cancer National Occupational Health and Safety Commission United Nations Number 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.