



MATERIAL SAFETY DATA SHEET



Arbor Wood Co.

1025 London Road
Duluth, MN 55802

855-414-2727

arborwoodco.com

PRODUCT NAME:	Arbor Wood
SYNONYMS:	None
PRODUCT DESCRIPTION:	Thermally Modified Ash and Pine Wood Species
U.N. NUMBER	None
U.N. DANGEROUS GOODS CLASS:	Non-regulated material
SUPPLIER / MANUFACTURER'S NAME:	Arbor Wood Co.
ADDRESS:	1025 London Road Duluth, MN 55802
BUSINESS PHONE:	855-414-2727
EMERGENCY PHONE:	
DATE OF PREPARATION:	09/06/16
DATE OF LAST REVISION:	08/08/22

SECTION 2 HAZARD IDENTIFICATION

PRODUCT INFORMATION:	This is a thermally modified wood product, which contains wood from ash and pine species. This product is not expected to have any adverse health hazards as sold or when used as intended. However, sawing, sanding, or machining wood products can produce wood dust, which can cause a dust explosion hazard. Wood dust may cause upper respiratory tract, eye and/or skin irritation. Wood dust has been identified as a cancer causing material.
GHS SIGNAL WORD:	Not Applicable - Non regulated material
GHS PICTOGRAMS:	Not Applicable - Non regulated material
GHS HAZARD STATEMENT:	Not Applicable - Non regulated material
ACUTE HEALTH EFFECTS:	Dust generated by cutting, sanding or other methods of dust generation may cause irritation to the skin, eyes or respiratory system.
CHRONIC HEALTH EFFECTS:	Wood dust has been identified as cancer causing and wood dust has also been associated with asthma.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME:	Wood (various species)
COMMON NAME AND SYNONYMS:	None
CAS NUMBER PER INGREDIENT:	None
INGREDIENT(S) AND ASSOCIATED PERCENTAGES:	Wood (various hardwood species) / 100%

SECTION 4 - FIRST AID MEASURES

EYE CONTACT:	If dust enters the eyes, open eyes and flush for 15 minutes. Seek medical attention if irritation or blurred vision continues.
SKIN CONTACT:	Wash skin for 15 minutes if dust is present and causes irritation. Seek medical attention when needed.
INHALATION:	If breathing becomes difficult due to dust, remove victim to fresh air. Seek medical attention when needed.
INGESTION:	Seek medical attention when needed.
SPECIAL MEDICAL TREATMENT, IF NEEDED:	Bring safety data sheet.

**SECTION 5
FIRE FIGHTING MEASURES**

SUITABLE AND UNSUITABLE EXTINGUISHING MEDIA:	Water, dry chemical, or carbon dioxide can be used to extinguish a fire pertaining to this product.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Depending on the moisture content and particle diameter, wood dust may explode in the presence of an ignition source. An airborne concentration of 40 grams of dust per cubic meter of air is often used as the LEL for wood dust. Carbon monoxide, carbon dioxide, and nitrogen dioxide are natural products released during the combustion of wood.
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:	Firefighters must wear a self-contained breathing apparatus and full protective equipment. Water spray can be used on this material to extinguish fires. Carbon Dioxide and Dry Chemical extinguishers can also be used on this material.

**SECTION 6
ACCIDENTAL RELEASE MEASURES**

SPILL AND LEAK RESPONSE:	Avoid actions that cause dust to become airborne. If dust needs to be cleaned, cleanup using shovel, wet-sweeping or vacuum. Avoid dry sweeping.
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**SECTION 7
HANDLING AND STORAGE**

PRECAUTIONS FOR SAFE HANDLING:	Gloves should be worn when contacting dust. Use in a well-ventilated area. If dust levels exceed permissible exposure limits respirators must be worn.
PRECAUTIONS FOR SAFE STORAGE:	Keep away from flammable or combustible materials. Store in a cool, dry, and well-ventilated area.
INCOMPATIBLES:	Flammable or combustible materials.

**SECTION 8
EXPOSURE CONTROLS AND
PERSONAL PROTECTION**

PEL AND TLV PER INGREDIENT:	Wood (various hardwood species) - OSHA PEL = TWA / 5 mg/m ³ , STEL = 10 mg/m ³ , ACGIH TLV = 1.0 mg/m ³ . OSHA PEL for respirable dust = 5 mg/m ³ .
APPROPRIATE ENGINEERING CONTROLS:	Use adequate ventilation. Use an adequate dust collection system.
PERSONAL PROTECTIVE EQUIPMENT NEEDED:	
RESPIRATORY:	Maintain airborne contaminant concentrations below the regulatory limits listed above. If this cannot be accomplished, wear a NIOSH/OSHA approve respirator.
EYE:	Wear safety glasses as appropriate where dust contact is possible.
HAND:	Wear gloves as appropriate to reduce skin contact with dust.
OTHER:	

**SECTION 9
PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:	Solid Wood Product
ODOR:	Distinctive odor resulting from thermal modification
ODOR THRESHOLD:	Not Applicable
pH:	pH of condensate is 2-3. Condensate is created during the thermal modification process only. pH of wood dust - to be determined.
MELTING POINT / FREEZING POINT:	Not Applicable
BOILING POINT:	Not Applicable
FLASH POINT:	Not Applicable

EVAPORATION RATE:	Not Applicable
FLAMMABILITY:	Not Applicable
UPPER / LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:	? Dust to be tested.
VAPOR PRESSURE:	Not Applicable
VAPOR DENSITY:	Not Applicable
REALITIVE DENSITY:	Not Applicable
SOLUBILITY(IES):	Not Applicable
AUTO-IGNITION TEMPERATURE:	400°
DECOMPOSITION TEMPERATURE:	Not Applicable
VISCOSITY:	Not Applicable

**SECTION 10
STABILITY AND REACTIVITY**

REACTIVITY:	Stable
CHEMICAL STABILITY:	Stable
POSSIBILIITY OF HAZARDOUS REACTIONS:	None
CONDITIONS TO AVOID:	Avoid conditions that create dust. Avoid excessive heat.
INCOMPATIBLE MATERIALS:	None
HAZARDOUS DECOMPOSITION PRODUCTS:	Burning of wood produces carbon monoxide, carbon dioxide, and nitrogen dioxide.

**SECTION 11
TOXICOLOGICAL INFORMATION**

ROUTES OF EXPOSURE:	Skin - dust is an irritant. Inhalation - dust is an irritant and can cause cancer. Eye - dust is an irritant.
SYMPTOMS RELATED TO TOXICOLOGICAL CHARACTERISTICS:	No data available
DELAYED AND IMMEDIATE EFFECTS:	No data available
LD50:	No data available
SUSPECTED CANCER AGENT?	Wood dust can cause cancer
IRRITANT?	Yes
SENSITIZATION OF PRODUCT:	No data available
REPRODUCTIVE TOXICITY INFORMATION:	No data available

**SECTION 12 - SECTION 15
ARE NOT MANDATORY**

Comply with all transportation regulations.

**SECTION 16
OTHER INFORMATION**

DATE OF LAST PREPARATION OR CHANGE TO SDS.	Updated address & telephone number 8/8/22
ADDITIONAL INFORMATION	