

SAFETY DATA SHEET

WOOD DUST

Prepared according to U.S. OSHA, OSHA, CMA, ANSI, Canadian WHMIS regulations

SECTION	1	PRODUCT AND COMPANY IDENTIFICATION
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PRODUCT NAME:	Wood Dust
PRODUCT DESCRIPTION:	Particles generated by manual or mechanical cutting or abrasion process performed on wood.
U.N. NUMBER:	None
U.N. DANGEROUS GOODS CLASS:	Non-Regulated Material
SUPPLIER / MANUFACTURER'S NAME:	Mountainside Wood Products LLC 3559 Front Mountain Road Belleville, PA 17004
BUSINESS PHONE:	1-888-616-4366 for more information or product inquires
EMERGENCY PHONE: CHEMTREC:	(1-800-424-9300)
WEB SITE:	www.mwpdoor.com
DATE OF PREPARATION:	2-10-2015
DATE OF LAST REVISION:	New

SECTION	2	HAZARDS IDENTIFICATION
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EMERGENCY OVERVIEW: Wood Dust is a light to dark colored granular solid with odor dependent upon wood species and the time dust was generated.


HEALTH HAZARDS: The primary health hazard posed by this product is dust inhalation which can cause respiratory system irritation. Contact with skin and eyes can also cause irritation. Prolonged or repeated inhalation of wood dust may cause cancer.

FLAMMABILITY: Depending on the moisture content and particulate diameter, wood dust may explode in the presence of a heat source. An airborne concentration of 40 grams of dust per cubic meter of air is often used as the LEL of wood dust.

ENVIROMENTAL EFFECTS: The Environment effects of this product have not been investigated; however this product is not anticipated to cause adverse environmental effects.

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US DOT SYMBOLS	CANADA (WHMIS) SYMBOLS	GHS HAZARD SYMBOL(S)
Non-Regulated	Not Controlled	 Signal Word: Warning!

COMPONENTS DETERMINING HAZARDS: Wood Dust

GHS HAZARD CLASSIFICATION(S): Carcinogen Category 2
Eye Irritation Category 2B
Skin Irritation Category 3
STOT SE Category 3

HAZARD STATEMENTS: Suspected of causing cancer
Causes eye irritation
Causes mild skin irritation
May cause respiratory irritation

PRECAUTIONARY STATEMENTS: Avoid exposure
Use only with adequate ventilation.
Wash thoroughly after handling.

HEALTH HAZARDS OR RISK FROM EXPOSURE:

ACUTE INHALATION: Exposure to wood dust may cause irritation to the moist mucous membranes of the nose, throat, and upper respiratory system.

EYE CONTACT: Direct eye contact can cause irritation with redness, tearing and blurred vision.

SKIN CONTACT: May cause skin irritation.

INGESTION: Ingestion of this product is not a likely route of entry.

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CHRONIC: Wood Dust is listed as a carcinogen by NTP, OSHA, or IARC – Group1: Carcinogenic to humans; sufficient evidence of carcinogenicity. This classification is primarily based on studies showing association exposure to wood dust and Adenocarcinoma of the nasal cavities and Paranasal sinuses. IARC did not find sufficient evidence of an associated between occupational exposure to wood dust and other cancers.

TARGET ORGANS: ACUTE: Eye, Skin, Respiratory CHRONIC: Respirator System

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COMPOSITION AND INFORMATION ON INGREDIENTS

HAZARDS DISCLOSURE: This product does contain known hazardous materials in reportable levels as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200. As defined under SARA 311 and 312, this product contains known hazardous materials.

HAZARDOUS INGREDIENTS:	CAS#	WT%	HAZARD CLASSIFICATION; RISK PHRASES
Wood Dust	Not Listed	100%	HAZARD CLASSIFICATION: Carcinogen Cat2, [Xi] Irritant RISK PHRASES: R36/37/38

Each of the components present are less than 1 percent concentration (0.1% concentration for potential carcinogens, reproductive toxins, respiratory tract sensitizers, and mutagens)

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format.

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FIRST AID MEASURES

Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical care, if necessary. Take a copy of label and SDS to health professional with contaminated individual.

EYE CONTACT: If wood dust enters the eyes, open eyes while under gentle running water for 15 minutes. Seek medical attention if irritation or blurred vision continues.

SKIN CONTACT: Wash skin thoroughly after handling. Seek medical attention if irritation develops or persists.

INHALATION: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention immediately.

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INGESTION: If wood dust is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give dilutents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Individuals with pre-existing skin disorders or respiratory conditions may aggravate conditions by exposure to wood dust.

RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and reduce over exposure.

SECTION	5	FIRE FIGHTING MEASURES
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FLASH POINT:	Not Applicable
AUTOIGNITION TEMPERATURE:	Dependent upon duration of exposure to heat source and other variable Typ. 400- 500F (204-260C)
FLAMMABLE LIMITS (in air by volume, %):	Lower (LEL): See note below Upper (LEL): Not established.
FIRE EXTINGUISHING MATERIALS:	Dry chemical, carbon dioxide, foam. Do not use force
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Wood dust is a strong to severe explosion hazard if a dust cloud contacts an ignition source. Depending on the moisture content and particulate 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 dusts.

Explosion Sensitivity to Mechanical Impact: Not Sensitive

Explosion Sensitivity to Static Discharge: Not Sensitive

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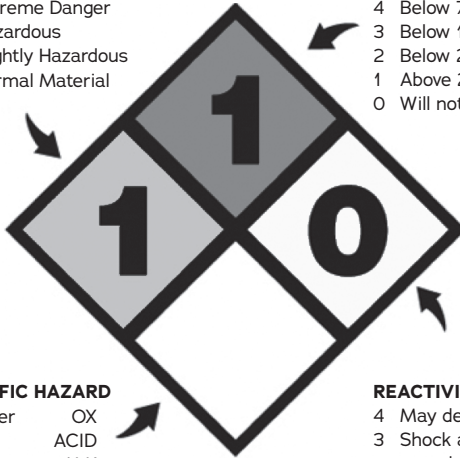
SPECIAL FIRE – FIGHTING PROCEDURES: NFPA Rating System

HEALTH HAZARD

- 4 Deadly
- 3 Extreme Danger
- 2 Hazardous
- 1 Slightly Hazardous
- 0 Normal Material

FIRE HAZARD

- Flash Points
- 4 Below 73° F
 - 3 Below 100° F
 - 2 Below 200° F
 - 1 Above 200° F
 - 0 Will not burn



SPECIFIC HAZARD

- Oxidizer OX
- Acid ACID
- Alkali ALK
- Corrosive COR
- Use No Water W
- Radioactive XX

REACTIVITY

- 4 May detonate
- 3 Shock and heat may detonate
- 2 Violent chemical change
- 1 Unstable if heated
- 0 Stable

FIREFIGHTERS: Incipient fire responders should always wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus (SCBA) and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from the fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

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ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Avoid actions that cause dust to become airborne. Avoid inhalation of dust and contact with skin. Wear appropriate personal protective equipment as described in Section 8 cleanup spill using vacuum with fine dust filtration. Apply water spray to prevent airborne dust. Scrape up wet materials and place in an appropriate container.

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HANDLING AND STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: Avoid dusty conditions and provide good ventilation. Avoid eye contact. Avoid repeated or prolonged contact with skin. Careful bathing and use of clean clothing after exposure. Avoid prolonged or repeated breathing of wood dust in the air.

STORAGE AND HANDLING PRACTICES: Avoid contact with oxidizing agents and drying oils. Avoid open flame.

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EXPOSURE CONTROLS – PERSONAL PROTECTION

EXPOSURE LIMITS / GUIDELINES:

Chemical Name	CAS #	ACHIH TWA	OSHA TWA
Wood Dust	Not Assigned	1.0mg/m ³ Inhalable, 0.5mg/m ³ Inhalable Western Red Cedar	15mg/m ³ Total Dust 5.0mg/m ³ Respirable fraction

Currently, International exposure limits are not established for all the components of this product. Please check with competent authority in each country for the most recent limits in place.

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure levels are maintained below the limits provided above. Use local exhaust ventilation to control airborne dust / vapor. The following information on appropriate Personal Protective Equipment is provided to assist employees in complying with OSHA regulations found in 29 CFR Subpart I (beginning in 1910.132) or equivalent standard of Canada. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: Maintain airborne contaminate concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protections authorized in the U.S. Federal OSHA Respiratory Protection Standard (29CFR 1910.134), equivalent U.S State standards, Canadian CSA Standard Z94.4-93.

EYE PROTECTION: Wear safety glasses as appropriate where contact is possible. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.

HAND PROTECTION: Wear gloves as appropriate to reduce skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate standard of Canada.

BODY PROTECTION: Use body protection as appropriate to prevent skin contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada.

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SECTION	9	PHYSICAL AND CHEMICAL PROPERTIES
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PHYSICAL STATE:	Solid
APPEARANCE & ODOR:	Wood dust is a light to dark colored granular solid with odor dependent upon wood species and time since dust was generated.
ODOR THRESHOLD (PPM):	Mild
VAPOR PRESSURE (mmHg):	Not Applicable
VAPOR DENSITY (AIR=1):	Not Applicable
EVAPORATION RATE (nBuAc=1)	Not Applicable
BOILING POINT (°C):	Not Applicable
FREEZING POINT (°C):	Not Applicable
pH:	4-6
SPECIFIC GRAVITY 20°C (WATER = 1):	Variable dependent on wood species and moisture content.
SOLUBILITY IN WATER (%)	Insoluble
VOC:	Not Applicable

SECTION	10	STABILITY AND REACTIVITY
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STABILITY: Wood dust is stable

DECOMPOSITION PRODUCTS: When heated to decomposition this product produces oxidizing agents and drying oils.

MATERIAL WITH WHICH SUBSTANCE IS INCOMPATIBLE: Avoid contact with oxidizing agents and drying oils.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Contact with incompatible materials and ignition sources.

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TOXICOLOGICAL INFORMATION

TOXICITY DATA:

Wood dust (softwoods or hardwoods) OSHA hazard rating = 3.3; moderately toxic with probable oral lethal dose to humans being 0.5-5g/kg (about 1 pound for a 150 pound person).

Source: OSHA Regulated hazardous Substances, Government Institutes, Inc.

SUSPECTED CANCER AGENT: One or more of the ingredients are found on the following list: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore is considered to be, or suspected to be a cancer-causing agent by these agencies. Wood dust is listed as a carcinogen by OSHA, NTP, or IARC. IARC-Group1: Carcinogenic to humans; sufficient evidence of carcinogenicity. This classification is primarily based on studies showing association exposure to wood dust and Adeno-carcinoma of the nasal cavities and Paranasal sinuses. IARC did not find sufficient evidence of an association between occupational exposure to wood dust and other cancers.

IRRITANCY OF PRODUCT: Contact with this product can be irritation to the skin and eyes.

SENSITIZATION OF PRODUCT: Ingredients in this product are not considered a sensitizer.

REPRODUCTIVE TOXICITY INFORMATION: No information available.

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ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

ENVIROMENTAL STABILITY: Wood dust in contact with soil will degrade readily.

EFFECT OF MATERIAL ON PLANTS or ANIMALS: No evidence is currently available on this wood dust effects. Wood dust may contain ingredients that are considered hazardous.

EFFECT OF CHEMICAL ON AQUATIC LIFE: No evidence is currently available on wood or dust effects on aquatic life. Wood dust may contain ingredients that are considered hazardous to aquatic organisms.

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DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be accordance with appropriate Federal, State, and local regulations, and those of Canada. Wood dust is not considered hazardous waste under Federal Hazardous Waste Regulations 40 CFR 261.

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TRANSPORTATION INFORMATION

SUS DOT; IATA; IMO; ADR:

THIS PRODUCT IS NOT HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

PROPER SHIPPING NAME: Non-Regulated Material

HAZARD CLASS NUMBER and DISCRIPTION: None

UN IDENTIFICATION NUMBER: None

DOT LABEL(S) REQUIRED: None

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2012): None

MARINE POLLUTANT: None of the ingredients are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS: Wood dust is not classified as Dangerous Goods, per U.S. DOT regulations, under 49 CFR 172.101.

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS: Wood dust is not classified as Dangerous Goods per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA): Wood dust is not classified as Dangerous Goods, by rules of IATA.

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION: Wood dust is not classified as Dangerous Goods by the International Maritime Organization.

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REGULATORY INFORMATION

UNITED STATES REGULATIONS:

SARA REPORTING REQUIREMENTS: Wood dust is not subject to the reporting requirements of Section 302,304,313 of Title III of the Superfund Amendments and Reauthorization Act, as follows:

TSCA: All components in this product are not listed on the US Toxic Substance Control Act (TSCA) inventory of chemicals.

SARA 311 / 312:	Acute Health:	YES	Chronic Health:	YES
	Fire:	NO	Reactivity:	NO

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for this product. The default Federal MSDS submission and inventory requirements filing threshold of 10,000lb (4,540kg) may apply, per 40 CFR 370.20.

U.S. SARA CERCLA REPORTABLE QUANTITY (RQ): None

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):

Wood dust ingredients that are on the California Proposition 65 lists.

WARNING! Drilling, sawing, sanding or machining wood products generates wood dust and other substances known to the State of California to cause cancer. Avoid inhaling dust generated from wood products or use a dust mask or other safeguards to avoid inhaling dust generated from wood products. Wood products emit chemicals known to the State of California to cause birth defects or other reproductive harm.

CANADIAN REGULATIONS:

CANADIAN DSL / NDSL INVENTORY STATUS: All of the components of the product are on the DSL Inventory.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:

No components of this are on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: This is not considered to be a hazardous material under the Hazardous Products Act as defined by the Controller Products Regulations and is therefore subject to the labeling and MSDS requirements of Workplace Hazardous Information Systems (WHMIS) labeling not required.