

Material Safety Data Sheet  
**WOOD DUST**



**Plum Creek Northwest Plywood, Inc.**  
 500 12th Ave. West  
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 Columbia Falls, MT 59912

Emergency Phone: 406-892-6200  
 Other Information: 406-892-6312  
 Revised Date: January 1, 2005  
 Website: www.plumcreek.com

Signature of Person Responsible for Preparation:

**Section 1: IDENTITY**

Common Name (used on label) (Trade Name & Synonyms)	SANDER DUST, SAW DUST	Cas No.	N/A
Chemical Name	N/A	Chemical Family	N/A
Formula	MAY CONSIST OF THE FOLLOWING SPECIES: PONDEROSA PINE, LODGEPOLE PINE, IDAHO WHITE PINE, DOUGLAS ALPINE FIR, WESTERN LARCH, ENGLEMAN SPRUCE, WESTERN RED CEDAR, GRAND FIR, WHITE BARK PINE, MOUNTAIN HEMLOCK, SOUTHERN YELLOW PINE.		

**SECTION 2: HAZARDOUS INGREDIENTS**

Principal Hazardous Component(s) (chemical & common name(s))	%	Threshold Limit Value (units)
WOOD DUST* * Wood dust is listed as a probable human carcinogen		5.0 mg/m <sup>3</sup>
WESTERN RED CEDAR HARD WOOD DUST		2.5 mg/m <sup>3</sup> 1.0 mg/m <sup>3</sup>

**SECTION 3: PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)**

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O=1)	N/A	Vapor Pressure (mm Hg)	N/A		
Percent Volatile By Volume (%)	N/A	Vapor Density (Air=1)	N/A	Evaporation Rate (_____ = 1)	N/A		
Solubility In Water	N/A	Reactivity in Water	N/A				
Appearance and Odor	LIGHT BROWN OR TAN COLORED GRANULAR SOLID. SLIGHTLY AROMATIC. COLOR AND ODOR VARY DEPENDING ON THE SPECIES						
Flash Point	N/A	Flammable Limits in Air % by Volume	Lower 40.0 g/m <sup>3</sup>	Upper	Extinguisher Media Water, CO <sub>2</sub> , Sand	Auto-Ignition Temperature	400' – 500' F
Special Fire Fighting Procedures	USE WATER TO THOROUGHLY WET WOOD DUST. REMOVE ANY CHARRED MATERIAL TO AN OPEN SECURE AREA TO ENSURE ALL FIRE IS EXTINGUISHED. AVOID BREATHING SMOKE. WEAR SCBA.						
Unusual Fire and Explosion Hazards	WOOD DUST GENERATED FROM SAWING, SANDING, MACHINING, ETC. MAY CREATE A SEVERE FIRE AND EXPLOSION HAZARD.						

**SECTION 4: PHYSICAL HAZARDS**

Stability	Unstable [ ] Stable [x]	Conditions to Avoid	OPEN FLAMES OR SPARKS. PYROLYSIS MAY OCCUR.
Incompatibility (Materials to Avoid)	OXIDIZERS AND DRYING OILS.		
Hazardous Decomposition Products	TOXIC FUMES AND GASES, INCLUDING CARBON MONOXIDE		
Hazardous Polymerization	May Occur [ ] Will Not Occur [x]	Conditions to Avoid	

**SECTION 5: HEALTH HAZARDS**

Threshold Limit Value	5.0 mg/m <sup>3</sup> TWA; 10.0 mg/m <sup>3</sup> STEL WOOD DUST		
Signs and Symptoms of Exposure	1. Acute Overexposure	WOOD DUST IS A MECHANICAL IRRITANT TO EYES, NOSE AND THROAT.	
	2. Chronic Overexposure	MAY CAUSE DERMATITIS FOLLOWING PROLONGED CONTACT. RESPIRATORY SENSITIZATION MAY OCCUR FROM EXPOSURE TO WESTERN RED CEDAR.	
Medical Conditions Generally Aggravated by Exposure	PRE-EXISTING RESPIRATORY CONDITIONS MAY BE AGGRAVATED BY REPEATED OR PROLONGED EXPOSURE TO WOOD DUST IN EXCESS OF ALLOWABLE LIMITS.		
Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes [ ] No [ ]	I.A.R.C. Monographs Yes [x] No [ ]
OSHA Permissible Exposure Limit	15.0 mg/m <sup>3</sup> PNOG	Other Exposure Limit Used	OSHA Yes [x] No [ ] 10.0 mg/m <sup>3</sup> STEL WOOD DUST
Emergency and First Aid Procedures:			
1. Inhalation	EXPOSURE TO EXCESSIVE CONCENTRATIONS MAY CAUSE UNPLEASANT DEPOSITION IN THE NASAL PASSAGE RESULTING IN DRYNESS, COUGH AND HEADACHE. AVOID BREATHING DUST, REMOVE FROM EXPOSURE.		
2. Eyes	MAY MECHANICALLY IRRITATE EYES RESULTING IN REDNESS OR WATERING. FLUSH WITH CLEAN WATER TO REMOVE PARTICLES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.		
3. Skin	MAY ELICIT CONTACT DERMATITIS IN SENSITIZED INDIVIDUALS OR CAUSE MECHANICAL IRRITATION. IF IRRITATION OR DERMATITIS DEVELOPS, SEEK MEDICAL ATTENTION.		
4. Ingestion	N/A		

**SECTION 6: SPECIAL PROTECTION INFORMATION**

Respiratory Protection (Specific Type)	NIOSH APPROVED DUST RESPIRATOR.								
Ventilation	RECOMMENDED	Local Exhaust	RECOMMENDED	Mechanical (General)	RECOMMENDED	Special	N/A	Other	N/A
Protective Gloves	RECOMMENDED			Eye Protection	SAFETY GLASSES, AND/OR GOGGLES				
Other Protective Clothing or Equipment	PROTECTIVE OUTER LAYER MAY BE DESIRABLE IN EXTREMELY DUSTY AREAS.								

**SECTION 7: SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

Precautions to be Taken in Handling and Storage	STORE IN COOL, DRY PLACE AWAY FROM OPEN FLAME, SPARKS OR HOT SURFACES.
Other Precautions	STATIC ELECTRICITY MAY BE SUFFICIENT TO IGNITE SUSPENDED WOOD DUST. WOOD DUST IS NOT RECOMMENDED AS AN ABSORBENT MATERIAL. SANDER DUST IS EXTREMELY COMBUSTIBLE.
Steps to be Taken in Case Material is Released or Spilled	VACUUM, SWEEP, OR SHOVEL TO MINIMIZE DUST GENERATION. PROVIDE ADEQUATE VENTILATION USE NIOSH APPROVED DUST RESPIRATOR AND GOGGLES TO CONTROL EXPOSURE.
Waste Disposal Methods	DISPOSE ACCORDING TO APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. WOOD ASH IS CORROSIVE.

**IMPORTANT**

The above information is provided in good faith and believed to be correct in accordance with 29 CFR 1910.1200. Individuals receiving this information should make their own determinations as to the suitability of this product for their purposes prior to use.