

# Material Safety Data Sheet

## WOOD DUST



**Plum Creek Timber Company**  
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### Section 1: IDENTITY

Common Name (used on label) (Trade Name & Synonyms)	SANDER DUST, SAW DUST	Chemical Family
Chemical Name	N/A	
Formula	MAY CONSIST OF THE FOLLOWING SPECIES: PONDEROSA PINE, LODGEPOLE PINE, DOUGLAS FIR, WESTERN LARCH, ENGLEMAN SPRUCE and GRAND FIR.	

### SECTION 2: HAZARDOUS INGREDIENTS

Principal Hazardous Component(s) (chemical & common name(s))	%	CAS #
WOOD DUST	100%	

### 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 N/A	Upper N/A	Extinguisher Media	Water, Carbon Dioxide		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.							
Unusual Fire and Explosion Hazards		WOOD DUST GENERATED FROM SAWING, SANDING, MACHINING, ETC. MAY CREATE A FIRE AND EXPLOSION HAZARD. AVOID DUST ACCUMULATION.							

### 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

Signs and Symptoms of Exposure	1. Acute Overexposure	WOOD DUST MAY CAUSE EYE AND RESPIRATORY IRRITATION, NASAL DRYNESS, COUGHING, SNEEZING AND WHEEZING AS A RESULT OF INHALATION.
	2. Chronic Overexposure	WOOD DUST MAY CAUSE ALLERGIC DERMATITIS AND RESPIRATORY SENSITIZATION. PROLONGED EXPOSURE TO WOOD DUST HAS BEEN REPORTED BY SOME AGENCIES TO BE ASSOCIATED WITH NASAL CANCER.

Medical Conditions Generally Aggravated by Exposure	PRE-EXISTING RESPIRATORY CONDITIONS MAY BE AGGREVATED BY REPEATED OR PROLONGED EXPOSURE TO WOOD DUST.					
Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	I.A.R.C. Monographs	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	OSHA	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
OSHA Permissible Exposure Limit	Total: 15 mg/m3 Respirable: 5 mg/m3					
ACGIH Threshold Limit Value	1mg/m3	STEL 10.0 mg/m3				
<b>California Proposition 65 Warning:</b> DRILLING, SAWING, SANDING OR MACHINING WOOD PRODUCTS GENERATES WOOD DUST, A SUBSTANCE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. AVOID INHALING WOOD DUST OR USE A DUST MASK OR OTHER SAFEGAURDS FOR PERSONAL PROTECTION.						

**HMIS RATINGS: HEALTH: 1\* FIRE: 1 PHYSICAL HAZARD: 0**  
**SCALE: 0 = MINIMAL 1 = SLIGHT 2 = MODERATE 3 = SERIOUS 4 = SEVERE**

### SECTION 6: EMERGENCY AND FIRST AID PROCEDURES

1. Inhalation	EXPOSURE TO EXCESSIVE CONCENTRATIONS MAY CAUSE UNPLEASANT DEPOSITION IN THE NASAL PASSAGE RESULTING IN DRYNESS, COUGHING AND SNEEZING. 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 7: 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 8: 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	AN IGNITION SOURCE MAY BE SUFFICIENT TO IGNITE SUSPENDE WOOD DUST. WOOD DUST IS NOT RECOMMENDED AS AN ABSORBENT MATERIAL.
Steps to be Taken in Case Material is Released or Spilled	VACUUM, SWEEP, OR SHOVEL TO MIINIMIZE 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.