

Material Safety Data Sheet  
**PLYWOOD**



**Plum Creek Northwest Plywood, Inc.**  
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 Revised Date: November 22, 2010  
 Website: www.plumcreek.com

**SECTION 1: IDENTITY**

Common Name (used on label) (Trade Name & Synonyms)	SOFTWOOD PLYWOOD	Cas No.	N/A
Chemical Name	N/A	Chemical Family	N/A
Formula	DOUGLAS FIR, WESTERN LARCH		

**SECTION 2: HAZARDOUS INGREDIENTS**

Principal Hazardous Component(s) (chemical & common name(s))	Threshold Limit Value (units)
SOFTWOOD WOOD DUST * Wood dust is currently listed as a probable human carcinogen but regulated as Particle Not Otherwise Classified (PNOC).	15.0 mg/m <sup>3</sup>
PHENOL FORMALDEHYDE RESIN FREE FORMALDEHYDE EMISSIONS *California Air Resources Board (CARB) *Panels were tested using a "large chamber" method. *Ambient background formaldehyde levels are typically between 0.03 to 0.08 ppm. *These products easily meet or have been exempted from leading formaldehyde emissions standards and regulations. *NAUF contains no added urea formaldehyde	0.5 ppm (Action) 0.75 ppm (TLV) 2.0 ppm (STEL) CARB Threshold < 0.5ppm Actual .048 ppm

**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 (%)		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 PANEL WITH AROMATIC ODOR.				
Flash Point	N/A	Flammable Limits in Air % by Volume	Lower N/A	Upper N/A	Extinguisher Media Water, Auto-Ignition Temperature 400' - 500'F
Special Fire Fighting Procedures	SATURATE BOARD WITH WATER AND MOVE TO A SECURE OUTSIDE STORAGE LOCATION. 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 ACCUMULATIONS.				

**SECTION 4: PHYSICAL HAZARDS**

Stability	Unstable [ ] Stable [x]	Conditions to Avoid
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						
Chemical Listed as Carcinogen or Potential Carcinogen	WOOD DUST FORMALDEHYDE	National Toxicology Program	Yes [ ] No [ ]	I.A.R.C. Monographs	Yes [x] No [ ]	OSHA	Yes [x] No [ ]
OSHA Permissible Exposure Limit	15.0 mg/m <sup>3</sup> PNOG 0.75 ppm FORMALDEHYDE	Other Exposure Limit Used		10.0 mg/m <sup>3</sup> STEL WOOD DUST			
OSHA Permissible Exposure Limit	WOOD DUST	Total: 15 mg/m <sup>3</sup> Respirable: 5 mg/m <sup>3</sup>					
ACGIH Theshold Limit Value	Wood Dust 1mg/m <sup>3</sup>						
California Proposition 65 Warning: 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: 0 PHYSICAL HAZARD: 0****SCALE: 0 = MINIMAL 1 = SLIGHT 2 = MODERATE 3 = SERIOUS 4 = SEVERE****SECTION 6: EMERGENCY AND FIRST AID PROCEDURES**

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 7: SPECIAL PROTECTION INFORMATION**

Respiratory Protection (Specific Type)	NIOSH APPROVED DUST RESPIRATOR.								
Ventilation	RECOMMENDED	Local Exhaust	RECOMMENDED	Mechanical (General)	AS NEEDED	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	STORE IN A COOL, DRY PLACE AWAY FROM OPEN FLAME, SPARKS OR HOT SURFACES.
Steps to be Taken in Case Material is Released or Spilled	VACUUM, SWEEP, OR SHOVEL TO MIINIMIZE DUST GENERATION. PROVIDE ADEQUATE VENTILATION.
Waste Disposal Methods	DISPOSE ACCORDING TO APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. ASHES ARE 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.