

Material Safety Data Sheet
PRESSURE TREATED PLYWOOD



Plum Creek Northwest Plywood, Inc.
 500 12th Ave. West
 P.O. BOX 1990
 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)	MARINETECH, PTP, MARINE DECK	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		5.0 mg/m ³
PHENOL FORMALDEHYDE RESIN	1.0 – 8.0%	
*FREE FORMALDEHYDE		<0.1 ppm
CCA PRESSURE TREATED WOOD	[.25 – 2.5 PCF]	
*CHROMIUM (III)	<5.0%	0.5 mg/m ³
*COPPER	<5.0%	1.0 mg/m ³
*ARSENIC (V)	<5.0%	.2mg/m ³

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

Boiling Point	N/A	Specific Gravity (H ₂ 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	INSOLUBLE	Reactivity in Water	N/A					
Appearance and Odor	LIGHT BROWN OR TAN PANELS WITH A SLIGHT GREENISH-BLUE TO BROWN TINT							
Flash Point	N/A	Flammable Limits in Air % by Volume	Lower 40.0 g/m ³	Upper	Extinguisher Media	Water, CO ₂ , Sand	Auto-Ignition Temperature	400' – 500' F
Special Fire Fighting Procedures	USE WATER TO THOROUGHLY WET ALL PANEL SURFACES AND TO SATURATE WOOD DUST. REMOVE ANY CHARRED MATERIAL TO AN OPEN SECURE AREA TO ENSURE ALL FIRE IS EXTINGUISHED. EMITS TOXIC FUMES UNDER FIRE CONDITIONS. WEAR COMPLETE FIRE SERVICE PROTECTIVE EQUIPMENT INCLUDING SCBA OR OTHER NIOSH APPROVED RESPIRATORY PROTECTION.							
Unusual Fire and Explosion Hazards	WOOD DUST GENERATED FROM PANEL SAWING, SANDING, MACHINING, ETC. MAY CREATE A SEVERE FIRE AND EXPLOSION HAZARD. COMBUSTION BY-PRODUCTS INCLUDE CARBON MONOXIDE, OXIDES OF NITROGEN, CHROMIUM AND ARSENIC. HEAVY METALS MAY REMAIN IN THE ASH OR BE RELEASED INTO THE AIR.							

SECTION 4: PHYSICAL HAZARDS

Stability	Unstable [] Stable [x]	Conditions to Avoid	
Incompatibility (Materials to Avoid)	STRONG ACIDS, OXIDIZING AGENTS AND DRYING OILS.		
Hazardous Decomposition Products	CARBON MONOXIDE, OXIDES OF NITROGEN, CHROMIUM, ARSENIC, & OTHER TOXIC FUMES AND GASES		
Hazardous Polymerization	May Occur [] Will Not Occur [x]	Conditions to Avoid	N/A

SECTION 5: HEALTH HAZARDS

Threshold Limit Value	5.0 mg/m ³ WOOD DUST, 0.5 mg/m ³ CHROMIUM, 1.0 mg/m ³ COPPER, 0.2 mg/m ³ ARSENIC			
Signs and Symptoms of Exposure	1. Acute Overexposure	DERMATITIS; EYES, NOSE, THROAT IRRITATION		
	2. Chronic Overexposure	CONTACT DERMATITIS; LIVER, KIDNEY, SPLEEN DAMAGE; RESPIRATORY IRRITATION; NASAL ULCERATIONS		
Medical Conditions Generally Aggravated by Exposure	PRE-EXISTING RESPIRATORY CONDITIONS *WARNING: THIS PRODUCT CONTAINS CHEMICALS LISTED AS CARCINOGENS			
Chemical Listed as Carcinogen or Potential Carcinogen	CHROMIUM (III)	National Toxicology Program Yes [] No []	I.A.R.C. Monographs Yes [x] No []	OSHA Yes [x] No []
OSHA Permissible Exposure Limit	0.5 mg/m ³ Cr (III), 1.0 mg/m ³ Cu 0.5 mg/m ³ As	Other Exposure Limit Used		

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)	APPROVED DUST RESPIRATOR.							
Ventilation	REQUIRED	Local Exhaust	RECOMMENDED	Mechanical (General)	RECOMMENDED	Special	Other	AVOID CREATING DUST
Protective Gloves	RECOMMENDED TO PREVENT SLIVERS, IMPERVIOUS GLOVES IF MOISTURE IS PRESENT		Eye Protection		DUST GOGGLES AND/OR SAFETY GLASSES			
Other Protective Clothing or Equipment	IF SAWDUST ACCUMULATES ON CLOTHES, GLOVES, ETC., LAUNDRER SEPARATELY BEFORE REUSE.							

SECTION 7: SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage	NO SPECIAL STORAGE REQUIRED ONCE PANELS ARE DRY. THIS PRODUCT MUST NOT COME IN CONTACT WITH FOOD OR FEED. DO NOT USE TREATED WOOD FOR CUTTING BOARDS OR COUNTER TOPS.
Other Precautions	DO NOT USE TREATED WOOD FOR CONSTRUCTION OF BEEHIVES. OBSERVE GOOD HYGIENE AND SAFETY PRACTICES WHEN HANDLING THIS PRODUCT. WASH EXPOSED AREAS PROMPTLY AND THOROUGHLY AFTER SKIN CONTACT FROM WORKING WITH THIS PRODUCT AND BEFORE EATING, DRINKING, USING TABACCO PRODUCTS.
Steps to be Taken in Case Material is Released or Spilled	CONTROL RELEASES OF AIRBORNE WOOD DUST. TREATED WOOD SHOULD NOT BE USED WHERE IT MAY COME INTO CONTACT WITH DRINKING WATER SOURCES.
Waste Disposal Methods	DO NOT BURN TREATED WOOD IN OPEN FIRES, STOVES, OR FIRE PLACES. THE METALS USED FOR TREATING ARE LISTED EPA TOXIC MATERIALS. DISPOSE SAWDUST ACCORDING TO APPLICABLE FEDERAL/STATE/LOCAL REGULATIONS. ASH WILL CONTAIN TOXIC MATERIALS.

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.