

Material Safety Data Sheet
BBO & ES



Plum Creek Northwest Plywood, Inc.
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SECTION 1: IDENTITY

Common Name (used on label) (Trade Name & Synonyms)	CONCRETE FORMS	Cas No.	N/A
Chemical Name	PETROLEUM BASED RELEASE AGENT	Chemical Family	N/A
Formula	SOFTWOOD PLYWOOD COATED WITH OIL ON BOTH SIDES AND ALL EDGES.		

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
NOX-CRETE FORM COATING	Appl. Rate	1,000 SF/US Gal.
		5.0 mg/m ³
*Fatty materials in a light petroleum base		

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 (%)	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 PANEL WITH AROMATIC ODOR. OIL COATING IS A CLEAR LIGHT STRAW COLOR WITH A CHARACTERISTIC 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	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 ³ WOOD DUST, 5.0 mg/m ³ OIL MIST						
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. FORMALDEHYDE MAY CAUSE TEMPORARY IRRITATION OF SKIN, EYES, OR RESPIRATORY SYSTEM.					
	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. FORMALDEHYDE MAY CAUSE SENSITIZATION IN SUSCEPTIBLE INDIVIDUALS. FORMALDEHYDE IS CLASSIFIED AS A PROBABLE OR POTENTIAL CARCINOGEN.					
Medical Conditions Generally Aggravated by Exposure	PRE-EXISTING RESPIRATORY CONDITIONS						
Chemical Listed as Carcinogen or Potential Carcinogen	WOOD DUST FORMALDEHYDE	National Toxicology Program	Yes [x] No []	I.A.R.C. Monographs	Yes [x] No []	OSHA	Yes [x] No []
OSHA Permissible Exposure Limit	FORMALDEHYDE WOOD DUST	0.75 ppm Total: 15 mg/m3 Respirable: 5 mg/m3	Other Exposure Limit Used		2.0 ppm STEL Formaldehyde .5ppm Action Limit 5.0 mg/m ³ OIL MIST		
ACGIH Threshold Limit Value	FOTMALDEHYDE WOOD DUST	0.3 ppm Total: 1mg/m3					
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.							
California Proposition 65 Warning: THIS PRODUCT CONTAINS FORMALDEHYDE, A SUBSTANCE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. USE ADEQUATE VENTILATION AND AVOID INHALING VAPORS AND/OR USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.							
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

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

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	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 MINIMIZE DUST GENERATION. PROVIDE ADEQUATE VENTILATION USE NIOSH APPROVED RESPIRATOR AND GOGGLES TO CONTROL EXPOSURE.

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.