

**Material Safety Data Sheet  
BBO & ES**



**Plum Creek Northwest Plywood, Inc.**  
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Website: www.plumcreek.com

Signature of Person Responsible for Preparation: *Diana C. Jeffery*

**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 <sup>3</sup>
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 <sup>3</sup>

\*Fatty materials in a light petroleum base

**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 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	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. AVOID BREATHING SMOKE. WEAR SCBA.				
Unusual Fire and Explosion Hazards	WOOD DUST GENERATED FROM PANEL 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> WOOD DUST, 5.0 mg/m <sup>3</sup> OIL MIST			
Signs and Symptoms of Exposure	1. Acute Overexposure	WOOD DUST IS A MECHANICAL IRRITANT TO EYES, NOSE AND THROAT.		
	2. Chronic Overexposure	SOME WOOD SPECIES MAY CAUSE ALLERGIC CONTACT DERMATITIS IN SENSITIZED INDIVIDUALS		
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. Yes [x] Monographs No [ ]
OSHA Permissible Exposure Limit	15.0 mg/m <sup>3</sup> PNOC 0.75 ppm FORMALDEHYDE	Other Exposure Limit Used	5.0 mg/m <sup>3</sup> OIL MIST	

## 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	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 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.