

Material Safety Data Sheet
**MEDIUM DENSITY OVERLAY
CONCRETE FORM**



Plum Creek Northwest Plywood, Inc.
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SECTION 1: IDENTITY

Common Name (used on label) (Trade Name & Synonyms)	MEDIUM DENSITY OVERLAY(MDO), CONCRETE FORM, CONFORM, OVERLAY PLYWOOD,	Cas No.	NONE
Chemical Name	N/A	Chemical Family	N/A
Formula	PRODUCT IS MADE BY COVERING ONE OR BOTH SIDES OF SOFTWOOD PLYWOOD WITH PAPER CONTAINING PHENOL FORMALDEHYDE RESIN AND ADHESIVES.		

SECTION 2: HAZARDOUS INGREDIENTS

Principal Hazardous Component(s) (chemical & common name(s))	%	Threshold Limit Value (units)
WOOD DUST		5.0 mg/m ³
FORMALDEHYDE	< 0.4 %	0.75 ppm
PHENOL	< 0.7 %	5.0 ppm
METHANOL	< 0.04 %	200 ppm

*Once applied, the overlay becomes inert.

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		PLYWOOD PANEL WITH MOTTLED BROWN APPEARANCE. PAPER ON ONE OR BOTH SIDES.									
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. 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 INCLUDING CARBON MONOXIDE.

SECTION 4: PHYSICAL HAZARDS

Stability	Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>	Conditions to Avoid
Incompatibility (Materials to Avoid)	STRONG ACIDS, OXIDIZING AGENTS AND DRYING OILS.	
Hazardous Decomposition Products	CARBON DIOXIDE, CARBON MONOXIDE	
Hazardous Polymerization	May Occur <input type="checkbox"/> Will Not Occur <input checked="" type="checkbox"/>	Conditions to Avoid

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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. 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	RESPIRATORY CONDITIONS OR ALLERGIES, SKIN CONDITIONS						
Chemical Listed as Carcinogen or Potential Carcinogen		National Toxicology Program	Yes [x] No []	I.A.R.C. Monographs	Yes [x] No []	OSHA	Yes [x] No []
OSHA Permissible Exposure Limit	FORMALDEHYDE METHANOL WOOD DUST	0.75 ppm 200 PPM Total: 15 mg/m3 Respirable: 5 mg/m3		Other Exposure Limit Used	2.0 ppm STEL 0.5 ppm ACTION		

ACGIH Theshold Limit Value Formaldehyde 0.3 ppm Wood Dust 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.

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

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
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	PROVIDE ADEQUATE VENTILATION
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.