

Plum Creek MDF, 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: **July 1, 2007**
 Website: www.plumcreek.com

Signature of Person Responsible for Preparation:



Section 1: IDENTITY

Common Name (used on label) (Trade Name & Synonyms)	HDF, MDF2, Glacier Clear	Cas No.	N/A
Chemical Name	N/A	Chemical Family	N/A
Formula	N/A		

SECTION 2: HAZARDOUS INGREDIENTS

Principal Hazardous Component(s) (chemical & common name(s))	% Solid Content by Weight	Threshold Limit Value (units)
SOFT WOOD FIBER	87- 92%	15.0 mg/m³
PHENOL FORMALDEHYDE RESIN	*7- 10%	0.75 ppm
WAX (PARAFFIN) ADDED TO IMPROVE WATER RESISTANT PROPERTIES	1- 3%%	2.0 mg/m³

Note: A fully cured and cooled phenolic panel would not be expected to emit formaldehyde at normally detectable ranges.

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 TANNISH ORANGE COLORED SOLID PANEL WITH AN AROMATIC ODOR CHARACTERISTIC OF PHENOL.							
Flash Point	N/A	Flammable Limits in Air % by Volume	Lower 40 g/m ³	Upper	Extinguisher Media	Water, CO ₂ , Sand	Auto-Ignition Temperature	400' – 500' F
Special Fire Fighting Procedures	SATURATE BOARD WITH WATER AND MOVE TO A SECURE OUTSIDE STORAGE LOCATION. WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. AVOID BREATHING SMOKE. DUST GENERATED FROM SAWING, SANDING OR MACHINING MAY CREATE A FIRE AND EXPLOSION HAZARD.							
Unusual Fire and Explosion Hazards	WOOD DUST CAN BE EXPLOSIVE. AVOID DUST ACCUMULATIONS IN CEILING AREAS.							

SECTION 4: PHYSICAL HAZARDS

Stability	Unstable [] Stable [x]	Conditions to Avoid	PYROLYSIS MAY OCCUR. AVOID DUST ACCUMULATIONS ON HOT SURFACES.
Incompatibility (Materials to Avoid)	STRONG OXIDIZING AGENTS, STRONG ACIDS		
Hazardous Decomposition Products	TOXIC FUMES AND GASES, INCLUDING CARBON MONOXIDE, ALDEHYDES AND ORGANIC ACIDS.		
Hazardous Polymerization	May Occur [] Will Not Occur [x]	Conditions to Avoid	NONE

SECTION 5: HEALTH HAZARDS

Threshold Limit Value

Signs and Symptoms of Exposure	1. Acute Overexposure	IRRITATION OF SKIN, EYES, NOSE AND RESPIRATORY SYSTEM TYPICAL OF WOOD DUST EXPOSURE.
	2. Chronic Overexposure	EXPOSURE HARD WOOD DUST HAS BEEN ASSOCIATED WITH NASAL CANCER.

Medical Conditions Generally Aggravated by Exposure RESPIRATORY CONDITIONS OR ALLERGIES, SKIN 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 []
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OSHA Permissible Exposure Limit	0.75 ppm FORMALDEHYDE	ACGIH Threshold (C) CEILING 0.3 ppm	Other Exposure Limit Used	2.0 ppm STEL 0.5 ppm ACTION
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Emergency and First Aid Procedures:

1. Inhalation	EXPOSURE TO EXCESSIVE CONCENTRATIONS OF WOOD DUST MAY CAUSE UNPLEASANT DEPOSITION IN THE NASAL PASSAGE RESULTING IN DRYNESS, COUGH AND HEADACHE. AVOID BREATHING DUST, REMOVE FROM EXPOSURE.
2. Eyes	WOOD DUST MAY MECHANICALLY IRRITATE EYES RESULTING IN REDNESS OR WATERING. FLUSH WITH CLEAN WATER TO REMOVE PARTICLES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
3. Skin	WOOD DUST 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	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 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 MINIMIZE DUST GENERATION. PROVIDE ADEQUATE VENTILATION.

Waste Disposal Methods DISPOSE ACCORDING TO APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. RESINS USED IN GLUE FORMULATIONS CONTAIN FORMALDEHYDE

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.