

Plum Creek MDF, Inc.
 265 Meadow Lake Blvd
 Columbia Falls, MT 59912

Emergency Phone: 406-892-6200
 Other Information: 406-892-6251
 Revised Date: December 1, 2009
 Website: www.plumcreek.com

SECTION 1: IDENTITY

Common Name (used on label) (Trade Name & Synonyms)	Glacier Green™, High Density Fiberboard (HDF) Medium Density Fiberboard (MDF) Light Density Fiberboard (LDF)	Product Thickness	HDF ≥ 0.375"
Chemical Name	N/A		
Formula	N/A		

SECTION 2: HAZARDOUS INGREDIENTS

Principal Hazardous Component(s) (chemical & common name(s))	% Solid Content by Dry Weight	CAS No.
SOFT WOOD DUST (100 % PRE-CONSUMER RECYCLED WOOD FIBER)	87- 92 %	
UREA FORMALDEHYDE RESIN*	7 – 10 %	50-00-0
AMMONIA**	1 %	7664-41-7
WAX (PARAFFIN) ***	< 1 %	8002-74-2
MELAMINE *** (See product specific MSDS)	<2%	
*Formaldehyde content	< 0.1 %	

**Product ≥ 0.375" is treated with ammonia lowering formaldehyde emissions.

***Wax and Melamine added to improve water resistance properties

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 TAN COLORED SOLID PANEL..

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
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Special Fire Fighting Procedures SATURATE BOARD WITH WATER AND MOVE TO A SECURE OUTSIDE STORAGE LOCATION. AVOID BREATHING SMOKE.

Unusual Fire and Explosion Hazards 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

Signs and Symptoms of Exposure	1. Acute Overexposure	IRRITATION OF SKIN, EYES, NOSE AND RESPIRATORY SYSTEM TYPICAL OF WOOD DUST EXPOSURE.			
	2. Chronic Overexposure	DEPENDING ON WOOD SPECIES, MAY CAUSE RESPIRATORY SENSITATION AND/OR IRRITATION. IARC CLASSIFIES WOOD DUST AS A CARCINOGEN TO HUMANS (GROUP 1)			
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 []	
OSHA Permissible Exposure Limit	FORMALDEHYDE AMMONIA WAX (PARAFFIN) WOOD DUST	0.75 ppm 35.0 ppm 2.0 mg/m3 Total: 15.0 mg/m3 Respirable: 5.0 mg/m3	Other Exposure Limit Used	2.0 ppm STEL FORMALDEHYDE 0.5 ppm ACTION 35.0 ppm STEL AMMONIA	
ACGIH Threshold Limit Value	Formaldehyde WAX (PARAFFIN) WOOD DUST	0.3 ppm 2.0 mg/m3 Total: 1mg/m3			

SECTION 6: 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 SOME INDIVIDUALS OR CAUSE MECHANICAL IRRITATION. IF IRRITATION OR DERMATITIS DEVELOPS, SEEK MEDICAL ATTENTION.
4. Ingestion	N/A

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

SECTION 7: 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 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. 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.