QUICK IDENTIFIER (In Plant Common Name)

Material Safety Data Sheet

Manufacturer's Name	LUM CREEK MANUFACTURIN	G, L.P.	Emergency Telephone No.	(406) 892-6200	
P	00 12th Ave. West O. BOX 1990 olumbia Falls, MT 59912		Other Information Calls	(406) 892-6284	 .
Signature of Person Responsible for Pre		Luis	Date Prepared	APRIL, 1999	
SECTION 1	IDENTITY July		As A Company		
Common Name: (u (Trade Name & Syr		FIBERBOARD	Cas No.	NONE	
Chemical N/A	Α .		Chemical Family	N/A	
Formula N/	A				
SECTION 2	- HAZARDOUS INGRED	ENTS	12.77		
Principal Hazardou	s Component(s) (chemical & common n	ame(s))	%	Threshold Limit	Value (units)
UREA - FORM	MALDEHYDE RESIN		*7-10%	(2.0 ppm STEL)	.75 ppm
*FREE FO	DRMALDEHYDE IS LESS THAN 19	6 OF THE RESIN MIXT	URE		
AMMONIA			<1%		25 ppm
WAX (PARAF	FIN)		<1%		2.0 mg/m
SOFT WOOD	DUST				5.0 mg/m
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Total	The second secon	enter de la companya	ili oli tai santa and anta anta anta anta anta anta a	<u>janon karantaran dan karantaran dan karantaran dan karantaran dan karantaran dan karantaran dan karantaran dan</u>	
SECTION 3 -	PHYSICAL & CHEMICAL	CHARACTERISTI	CS (Fire & Explosio	n Data)	
Boiling Point	Specific VAF	RIABLE	S AND MOISTURE CONTENT	Vapor Pressure (mm Hg) N/A	· · · · · · · · · · · · · · · · · · ·
Percent Volatile by Volume (%)	Vapor N/A Density (Air = 1) N/		ration Rate = 1) N/A		
Solubility in Water	INSOLUABLE	Reacti Water	vity in NONE		
Appearance and Odor	GHT TO DARK TAN COLORED G	RANULAR SOLID. COI	OR AND ODOR ARE D	EPENDENT ON THE WOOD	SPECIES
Al	ND LENGTH OF TIME SINCE BOA	RD WAS MANUFACTU	IRED. TREATED BOAR	D MAY SMELL LIKE AMMON	IIA
Flash Point N/A	Flammable Limits Lower in Air % by Volume 40 g/m²	Upper Extinguisher	Water C0 ₂ Sand	Auto-Ignition Temperature 400° - 500	
Special Fire Fighting Procedures	FIRE FIGHTING PROCEDURES	ARE THE SAME AS	OTHER WOOD PRODUC	CTS. SATURATE BOARD W	ITH WATER
	AND MOVE TO A SECURE OU	TSIDE STORAGE LOC	ATION.	·	
	AVOID BREATHING SMOKE, W	/EAR NIOSH APPROV	ED RESPIRATORY PRO	OTECTION.	
Unusual Fire and Explosion Hazards	MDF DOES NOT PRESENT A FIRE OR EXPLOSION HAZARD. DUST GENERATED FROM SAWING,				
	SANDING OR MACHINING MFI	MAY CREATE A SE	VERE FIRE AND EXPLO	SION HAZARD.	

SECTION 4 - PHYSICAL HAZARDS
Stability Unstable Conditions
Stable to Avoid RELATIVE HOMIDITY AND TEMPERATURE AFFECT THE RATE OF FORMALDEHYDE AND AMMONIA EMISSIONS FROM MDF. Incompatability (Materials to Avoid) STRONG OXIDIZING AGENTS, STRONG ACIDS
Hazardous Decomposition Products IRRITATING FUMES AND GASES, INCLUDING CARBON MONOXIDE, ALDEHYDES AND ORGANIC ACIDS.
Hazardous May Occur Conditions NONE Polymerization Will Not Occur I to Avoid
SECTION 5 - HEALTH HAZARDS
Threshold Limit Value 0.3 ppm CEILING (FORMALDEHYDE) 5.0 mg/m³ (WOOD DUST); 25 ppm 8-hr TWA (AMMONIA); 35 ppm 15 min STEL (AMMONIA)
Signs and Symptoms of Exposure 1. Acute Overexposure Overexposure Overexposure AND RESPIRATORY SYSTEM. SENSITIZATION OF THE SKIN AND RESPIRATORY SYSTEM.
2. Chronic Overexposure THE E.P.A. HAS CLASSIFIED FORMALDEHYDE AS A PROBABLE HUMAN CARCINOGEN BASED ON LABORATORY RESEARCH.
WOOD DUST EXPOSURES HAVE BEEN ASSOCIATED WITH NASAL CANCER.
Medical Conditions Generally Aggravated by Exposure RESPIRATORY CONDITIONS OR ALLERGIES, SKIN CONDITIONS
Chemical Listed as Carcinogen National Toxicology Yes Program National Toxicology Yes Monographs No
OSHA Permissible .75 ppm 8-HR TWA Exposure Limit (FORMALDEHYDE) ACGIH Threshold (FORMALDEHYDE) Other Exposure 2ppm15-min STEL 0.5ppm ACTION (FORMALDEHYDE) Limit Used 50ppm PEL; 35ppm TLV 15-min STEL (AMMONIA)
Emergency and First Aid Procedures
1. Inhalation REMOVE TO FRESH AIR
2. Eyes FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.
3. Skin WASH AFFECTED AREA WITH SOAP AND WATER.
4. Ingestion N/A
SECTION 6 - SPECIAL PROTECTION INFORMATION
Respiratory Protection (Specify Type) APPROVED RESPIRATORY PROTECTION IF AIR CONTAMINANTS EXCEED TLV.
Ventilation Local NECESSARY TO REMOVE DUST DURING Mechanical VENTILATE TO MAINTAIN FORMALDEHYDE Special N/A Other N/A Exhaust SANDING, SAWING & MACHINING PROCESSES (General) CONCENTRATION LESS THAN THE PEL OR TLV
Protective Gloves RECOMMENDED Eye Protection SAFETY GLASSES, GOGGLES OR FULL FACE RESPIRATOR
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. FORMALDEHYDE AND/OR AMMONIA VAPORS MAY BE RELEASED
DURING STORAGE. STORE IN A COOL, DRY PLACE AWAY FROM OPEN FLAME, SPARKS OR HOT SURFACES.
Other Precautions
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.