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MATERIAL SAFETY DATA SHEET

PRODUCTS: Phenol – Formaldehyde Bonded Plywood Products
 Product Name: Softwood Plywood

COMPOSITION, INFORMATION ON INGREDIENTS

COMPOSITION	PERCENTAGE	EXPOSURE LIMITS
Softwood Dust	87-98%	OSHA PEL 10 mg/m ³
		OSHA STEL None
		ACGIH TLV-TWA 5 mg/m ³
		ACGIH TLV-STEEL 10 mg/m ³
Formaldehyde	Trace<0.1%	OSHA PEL 0.75 ppm
		OSHA STEL 2.00 ppm
		ACGIH TLV-TWA N/A
		ACGIH TLV-STEEL 0.30 ppm(c)

- OSHA = Occupational Safety & Health Administration
- ACGIH = American Conference of Governmental
- PEL = Permissible Exposure Limit
- TWA = Time Weighted Average
- TLV = Threshold Limit Value - recommended level
- STEEL = Short Term Exposure Limit (15- minutes)
- C = Ceiling Limit, never to be exceeded

PHYSICAL DATA

Boiling Point (*F)	N/A
Vapor Pressure (mmHg)	N/A
% Volatiles by Volume	N/A
Specific Gravity (H ₂ O = 1)	0.40-0.80
Evaporation Rate	N/A
Solubility in Water	N/A
Vapor Density (Air = 1)	N/A

FIRE AND EXPLOSION DATA

Flash Point	N/A
Flammable Limits	
LEL	N/A
UEL	N/A
Extinguishable Media	Water, Sand, Carbon Dioxide, Chemical Extinguisher
Ignition Temp	400-500 °F (204-260 °C)

UNUSUAL FIRE FIGHTING PROCEDURES

Self-contained breathing apparatus (SCDA) recommended when fighting fire.
 Board dust is strongly explosive therefore there is a hazard on the direct contact of dust with ignition sources and in closed areas. Wet down wood dust to reduce the likelihood of ignition or dispersion of dust into the air.

STABILITY AND REACTIVITY

Stability () Unstable (x) Stable
Under normal conditions
 Conditions to Avoid N/A
 Incompatibility (Materials to Avoid):

- Avoid direct flame
- Product may ignite at temperatures in excess of 400 °F (204°C)

HEALTH HAZARD DATA

DUST:

Wood dust may cause nasal dryness, irritation and obstruction. Coughing, wheezing, sneezing, sinusitis and prolonged colds have also been reported. Depending on species, may cause respiratory sensitization and/or irritation.

FORMALDEHYDE:

These products release very low amounts of formaldehyde. Formaldehyde maybe irritating to the eyes, nose throat and skin. It may aggravate existing respiratory problems and cause allergies in certain susceptible persons.

ROUTES OF ENTRY:

Inhalation, skin contact, skin absorption, eye contact and ingestion.

REGULATORY INFORMATION

It is user's responsibility to determine what regulatory information is relevant dependent upon the usage of this product. California's State Drinking Water and Toxic Enforcement Act of 1986 (Initiative Measure, Proposition 65). The 22 California Codes of Regulations requires that a clear and reasonable warning be given before exposure to chemicals listed by the State as causing cancer or reproductive toxicity. Formaldehyde and Wood Dust (as of 12/02 because of the NTP listing) are on California's list of chemicals known to the State to cause cancer.

EXPOSURE CONTROLS AND PERSONAL PROTECTION

PERSONAL PROTECTION EQUIPMENT

RESPIRATORY PROTECTION:

Wear NIOSH-approved respirator when the allowable OSHA exposure limits to wood dust maybe exceeded

EYE PROTECTION:

Recommended goggles or safety glasses as conditions indicate

SKIN PROTECTION:

Other protective equipment, such as gloves and outer garments, maybe needed to reduce skin contact. Wash affected area of the body after contact with dust.

OTHER CLOTHING AND EQUIPMENT:

Not applicable.

ENGINEERING CONTROLS

VENTILATION REQUIREMENTS:

Provide local exhaust, as necessary, to meet OSHA requirements for allowable exposure limits.

OTHER TYPES OF ENGINEERING CONTROLS:

Due to the explosive potential of wood dust when suspended in air, precautions should be taken to prevent sparks or other ignition sources in ventilation equipment.

DISCLAIMER:

Eagon Lautaro S.A., believes the information contained in this MSDS to be accurate at the time of preparation and has been compiled using sources believed to be reliable. However, Eagon Lautaro S.A., makes no warranty, either expressed or limited, concerning the accuracy or completeness of the information presented. It is the responsibility of the buyer to research and understand safe methods of storing, handling and disposal of this product.