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MATERIAL SAFETY DATA SHEET

PLYWOOD PRODUCTS BONDED WITH PHENOL-FORMALDEHYDE

Products: Softwood Plywood

HAZARDOUS INGREDIENTS

CHEMICAL OR COMMON NAME	ARAUCOPLY AVERAGE	EXPOSURE LIMITS
Gaseous Formaldehyde	0.02 ppm	OSHA PEL-TWA 0.75 ppm
		OSHA PEL-STEL 2.00 ppm
		ACGIH TLV-TWA 0.30 ppm

OSHA = Occupational Safety & Health Administration

ACGIH = American Conference of Governmental Industrial Hygienists

PEL = Permissible Exposure Limit

TWA = Time-Weighted Average

TLV = Threshold Limit Value

STEL = Short-Term Exposure Limit

PHYSICAL DATA

Boiling Point (°F)	N/A
Vapor Pressure (MMHg)	N/A
Vapor Density (Air = 1)	N/A
Specific Gravity (H ₂ O = 1)	0.53
Evaporation Rate	N/A
Solubility in Water	N/A
% Volatiles By Volume	N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS

Board dust is strongly explosive therefore there is a hazard on the direct contact of dust with ignition sources and in closed areas.

FIRE AND EXPLOSION DATA

Flash Point	N/A
Flammable Limits	
LEL	N/A
UEL	N/A
Extinguishable Media	Water, Sand, Carbon Dioxide
Ignition Temp	400-500 °F (Direct Flame)

REACTIVITY DATA

Stability () Unstable (x) Stable
Conditions to Avoid N/A

Incompatibility (Materials to Avoid):

- Avoid direct flame
- Product may ignite at temperatures in excess of 400 °F

HEALTH HAZARD DATA

DUST:

Wood dust can irritate eyes and breathing passages. Some wood species may cause skin or respiratory irritation

FORMALDEHYDE:

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

Formaldehyde is listed by IARC, NTP and OSHA as Probable Human Carcinogen.

ROUTES OF ENTRY:

Irritation. Skin contact with wood may evoke allergic contact dermatitis.

STATE OF CALIFORNIA PROPOSITION 65 WARNING

Sawing, sanding, drilling, or machining this product can generate wood dust, a substance known to the State of California to cause cancer.

Use a respirator or other safeguards to avoid inhaling wood dust.

SPECIAL PROTECTION DATA

RESPIRATORY PROTECTION:

Not usually required if dust and formaldehyde concentrations are within acceptable limits. Approved dust/formaldehyde respiratory protectors and goggles are recommended when the allowable exposure limits may be exceeded.

PROTECTIVE GLOVES:

Not required. Cloth, canvas, or leather gloves are recommended.

EYE PROTECTION:

Goggles or safety glasses are recommended when machining products.

LOCAL EXHAUST:

Provide local exhaust when machining products.

MECHANICAL (GENERAL):

Provide general ventilation in processing and storage areas as needed so that exposure limits are met.

SPECIAL:

Special-contained breathing apparatus (SCBA) recommended when fighting fire.

DISCLAIMER:

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