

MATERIAL SAFETY DATA SHEET

CANPLY EXTERIOR Plywood

Dated: May 18/07

PRODUCT IDENTIFICATION:



SYNONYMS:

None

TRADE NAME:

CANPLY QUALITY and Company-specific

DESCRIPTION

This panel product contains bonded layers of wood veneer. This fact sheet is for products that have not been finished (coated, laminated or overlaid) or treated (e.g. with preservative or fire retardant).

POTENTIAL AIRBORNE RELEASES

Manual or mechanical cutting or abrasion processes performed on the product can result in generation of wood dust.

PHYSICAL DATA

Boiling Point
Specific gravity

Not applicable
< 1, variable, depends on
species and moisture content.

Vapour Density	Not applicable
% Volatiles By Volume	0
Melting Point	Not applicable
Vapour Pressure	Not applicable
Solubility in H ₂ O (% by wt.)	< 0.1%
Evaporation Rate (Butyl Acetate = 1).....	Not applicable
pH.....	Not applicable
Appearance and odor	Light to dark colour and odor dependant upon wood species.

FIRE AND EXPLOSION DATA

Flash point.....	Not applicable
Autoignition Temperature.....	Not available, however, usually accepted that the ignition of wood begins when the temperature of the wood is approximately 273 ^N C. (depends upon duration of exposure to heat source and other variables).
Explosive Limits in Air.....	See below under "Unusual Fire and Explosion Hazards".
Extinguishing Media.....	Water, Carbon dioxide, Sand
Special Fire Fighting Procedures	None
Unusual Fire and Explosion Hazards.....	Sawing, sanding or machining can produce wood dust as a by-product which may present an explosion hazard if a dust cloud contacts an ignition source. An airborne concentration of 40 grams of dust per cubic meter of air is often used as the LEL for wood dust.

REACTIVITY DATA

Conditions Contributing to Instability	Stable under normal conditions
Incompatibility	Avoid contact with oxidizing agents. Avoid open flame. Product may ignite in excess of 273EC.
Hazardous Decomposition Products	Thermal and/or thermal oxidative decomposition can produce irritating and toxic fumes and gases, including carbon monoxide, hydrogen cyanide, aldehydes, organic acids and polynuclear aromatic compounds.
Hazardous Polymerization	Not applicable

HEALTH EFFECTS INFORMATION

Exposure Limits:

Wood Dust (all soft and hard woods except Western Red cedar).....	OSHA PEL - TWA	5 mg/m ³
	OSHA PEL - STEL	10 mg/m ³
	NIOSH REL - TWA	1 mg/m ³
Wood Dust (Softwood).....	ACGIH TLV - TWA	5 mg/m ³
.....	ACGIH TLV - STEL	10 mg/m ³
Eye Contact.....	Wood dust can cause mechanical irritation.	
Skin Contact.....	Various species of wood dust may evoke skin irritation and allergic contact dermatitis in sensitized individuals.	
Ingestion.....	Not likely to occur.	

Wood Dust Inhalation:

Wood dust may aggravate pre-existing respiratory conditions and allergies.

Acute

Health hazards may include respiratory irritation, nasal dryness, coughing, wheezing and sneezing.

Chronic

Health hazards include respiratory sensitization and/or irritation. IARC classifies wood dust as a carcinogen to humans (Group1). This classification is based primarily on IARC's evaluation of increased risk in the occurrence of adenocarcinomas of the nasal cavities and paranasal sinuses associated with exposure to wood dust. IARC did not find sufficient evidence to associate cancers of the oropharynx, hypopharynx, lung, lymphatic and hematopoietic systems, stomach colon or rectum with exposure to wood dust. The National Toxicology Program lists wood dust as a known human carcinogen in the NTP's tenth Report on Carcinogens.

PRECAUTIONS, SAFE HANDLING

Wood Dust: Avoid dusty conditions and provide good ventilation.

GENERALLY APPLICABLE CONTROL MEASURES

Ventilation: Provide adequate general and local exhaust ventilation to keep airborne contaminant concentration levels below the OSHA PELs when panel product is subjected to manual or mechanical cutting as abrasion processes resulting in generation of wood dust.

Personal Protective Equipment: Wear goggles or safety glasses when manufacturing or machining the product. Wear NIOSH/MSHA approved respirator when the allowable exposure limits may be exceeded. Other protective equipment such as gloves and outer garments may be needed depending on dust conditions.

EMERGENCY AND FIRST AID PROCEDURES

Eyes.....	Flush eyes with large amounts of water. Remove to fresh air. If irritation persists, get medical attention.
Skin	Wash affected areas with soap and water. Get medical advice if rash or persistent irritation or dermatitis occurs.
Inhalation	Remove to fresh air. Get medical advice if persistent irritation, severe coughing or breathing difficulty occurs.
Ingestion.....	Not applicable

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CONTACT : For further information contact the Certiwood Technical Centre at (604) 981-4190.

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