

MATERIAL SAFETY DATA SHEET

CANPLY EXTERIOR Plywood*

PRODUCT IDENTIFICATION:



SYNONYMS:

None

TRADE NAME:

CANPLY QUALITY and Company-specific

DESCRIPTION

This panel product contains bonded layers of wood veneer.*

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	Not applicable
Specific gravity	< 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°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 273°C.
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 ACGIH TLV - TWA 5 mg/m ³
Wood Dust (Softwood)	Wood dust can cause mechanical irritation.
Eye Contact	Various species of wood dust may evoke allergic contact dermatitis in sensitized individuals.
Skin Contact	Not likely to occur.
Ingestion	

Inhalation:

Wood Dust	May cause nasal dryness, irritation and obstruction. Coughing, wheezing, and sneezing; sinusitis and prolonged colds have also been reported.
	Depending on species, may cause respiratory sensitization and/or irritation. Prolonged exposure to wood dust has been reported by some observers to be associated with nasal cancer. Wood dust is not listed as a carcinogen by IARC, NTP or OSHA.

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

* This fact sheet is for products that have not been finished (coated, laminated or overlaid) or treated (ie., with preservative or fire retardant).

IMPORTANT: The information and data herein are believe to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. The Canadian Plywood Association (CANPLY) and the makes no warranty of any kind, express or implied, concerning the accuracy of completeness of the information and data herein. CANPLY will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading. It is incumbent upon the user to obtain the

most up-to-date information.

CONTACT : For further information contact the Canadian Plywood Association, Plywood Technical Centre at (604) 981-4190.

DMB/dmb

Dated : July 1995 Updated 00-04-12