



MATERIAL SAFETY DATA SHEET

Cane-ite Insulating Board, Ivory Cane-ite Insulating Board

STATEMENT OF HAZARDOUS NATURE: This product is classified as not hazardous according to the criteria of Worksafe Australia. Dust from the product is hazardous according to the criteria of Worksafe Australia.

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IMPORTANT NOTICE: This Material Safety Data Sheet (MSDS) is issued by Carter Holt Harvey Pinepanels, in accordance with Worksafe Australia guidelines. As such, the information contained herein must not be altered, deleted or added to. Carter Holt Harvey Pinepanels will issue a new MSDS when there is a change in product specifications and/or Worksafe Australia guidelines/regulations. Carter Holt Harvey Pinepanels, will not accept any responsibility for any changes made to its MSDS in content by any other person or organisation.

Product name:	Cane-ite™ Insulating Board
Other Names:	Cane-ite™ Insulating board, Cane-ite™ Ivory Insulating board
Manufacturer's Product Code:	Not Applicable
UN number:	None Allocated
Dangerous goods class & Subsidiary Risk:	None Allocated
Hazchem code:	None Allocated
Poisons schedule number:	None Scheduled
Use:	Wall and ceiling linings, thermal and sound insulation, concrete expansion joint baseboard.

Physical

Description/Properties:

Appearance:	The products are manufactured as 9.5 mm to 12.7 mm thick wood fibre insulating boards. They are made from wood fibres and binder which are felted together. Ivory Cane-ite and Cane-ite Ceiling Tiles/Panels are paint coated.
Boiling Point: (°C)	Not Applicable
Melting Point: (°C)	Not Applicable
Vapour pressure:	Not Determined
Specific gravity (H₂O = 1)	0.22-.30
Flashpoint:	Not Applicable
Flammability Limits:	Not Applicable

Solubility in water: Negligible

Auto-ignition temperature (°C): >200

Early Fire Hazard Indices to AS 1530.3

Ignitability index: 16

Spread of flame index: 9

Heat evolved index: 10

Smoke developed index: 2

Ingredients:

Chemical Name:	CAS Number:	Proportion:
Plantation softwood	-	>96%
Starch	9005-25-8	<3%
Paraffin wax	8002-74-2	<1%

Notes:

1. The proportion of paint on coated board is less than 1% of the board mass.

HEALTH HAZARD INFORMATION

Note: In its intact state this product is not classified as a hazardous substance by Worksafe Australia.

Wood dust may be produced from machining the product. Exposures to wood dust produced from machining the products, and gas and vapour from heat processing with inadequate ventilation may result in the following health effects:

Health Effects

Acute:

- Swallowed:** Unlikely to occur but swallowing the dust may result in abdominal discomfort.
- Eye:** The dust, gas and vapour may be irritating to the eyes causing discomfort and redness.
- Skin:** The dust, gas and vapour may irritate the skin, resulting in itching and occasionally a red rash.
- Inhaled:** The dust, gas and vapour may irritate the nose, throat and lungs, especially in people with upper respiratory tract or chest complaints such as asthma.

Chronic:

Repeated exposure over many years to uncontrolled wood dust increases the risk of nasal cavity cancer. Inhalation of wood dust may also increase the risk of lung fibrosis (scarring). There are also increased risks of respiratory and skin sensitisation from wood dust and formaldehyde resulting in asthma and dermatitis respectively. Wood dust has been evaluated by the International Agency for Research on Cancer (IARC) as group 1, carcinogenic to humans.

First Aid

- Swallowed:** Give water to drink. If abdominal discomfort occurs seek medical attention.
- Eye:** Flush with flowing water for at least 15 minutes, and if symptoms persist seek medical attention.
- Skin:** Wash with mild soap and running water. Remove clothing contaminated with wood dust.
- Inhaled:** Leave the dusty area.

First Aid Facilities:

Advice to Doctor: Treat symptomatically.

PRECAUTIONS FOR USE

- Exposure Standards:** The Worksafe Australia Exposure Standards, published in May 1995 are:
Wood dust (softwood):
5 mg/cubic metre time-weighted average (TWA) measured as inspirable particulates.
10 mg/m cubic metre short term exposure limit (STEL)
Sen - sensitiser.
Paraffin wax (fume)
2 mg/cubic metre time-weighted average (TWA).
Keep exposures as low as practicable with the aim of maintaining inspirable wood dust levels below 1.0 mg/cubic metre (TWA).
- Engineering Controls:** All work with these boards should be carried out in such a way as to minimise the generation of, and exposure to dust. Under factory conditions, sawing, drilling, sanding etc. should be done with equipment fitted with exhaust devices capable of removing wood dust, at source. Hand power tools should be fitted with dust bags and used in well - ventilated areas. Work areas should be well ventilated. They should be cleaned at least daily, and dust removed by vacuum cleaning or wet sweeping method.
- Personal Protection:**
Skin Protection: Wear loose, comfortable clothing. Long-sleeved shirts and trousers are recommended to prevent skin irritation. After handling boards, wash with mild soap and water. Do not scratch or rub the skin if it becomes irritated. Wash work clothes regularly and separately from other clothes. Comfortable work gloves (AS 2161) should be worn.
- Eye Protection:** Industrial safety glasses or non fogging goggles (AS/NZS 1336) should be worn when machining.
- Respiratory Protection:** A class P1 or P2 replaceable filter or disposable half face-piece respirator should be worn when machining. Respirators should comply with AS/NZS 1716 and be selected, used and maintained in accordance with AS/NZS 1715.
- Flammability:** These boards are flammable but difficult to ignite. Fine airborne dust can ignite so avoid a build-up of dust and keep all storage and work areas well ventilated. Avoid sources of radiant heat and flame; and avoid sparks and sources of ignition in all electrical equipment, including dust extraction equipment. People must not smoke in storage or work areas.

SAFE HANDLING INFORMATION

- Storage and Transport:** The boards should be stored in well -ventilated areas away from sources of heat, flame or sparks. No special transport requirements are considered necessary.
- Spills and disposal:** Off-cuts and general waste material should be placed in containers and disposed of at approved landfill sites, or burnt in an approved furnace or incinerator, in accordance with disposal

authority guidelines. Dust from the boards should be cleaned up by vacuuming or wet sweeping. Do not burn in barbecues, combustion stoves or open fires in the home as irritating gases are emitted.

Fire/explosion hazard: Burning or smouldering boards or dust can generate carbon dioxide, carbon monoxide, oxides of nitrogen, hydrogen cyanide and other pyrolysis products which are irritating to the respiratory tract. Dry wood dust in high concentrations can be explosive. Use water, carbon dioxide, foam or dry chemical fire extinguishers. Avoid breathing smoke from burning or smouldering materials. Firefighters to wear breathing apparatus.

Smoking and Other Dust: Inhalation of airborne particles from other sources in the work environment, including those from cigarette smoke, may increase the risk of contracting the lung disease associated with exposure to dust from this product. Carter Holt Harvey Panels recommends that all work and storage areas be smoke free zones and other airborne contaminants be kept to a minimum.

CONTACT POINT

For further information on this product, please contact the following:
Carter Holt Harvey Panels (ACN 000 002993106), 118-120 Pacific Highway, St Leonards NSW 2065, Australia. Phone 1300 658 828 (available in Australia only).
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Issue Date: 09/02