

DECOUSTICS MATERIAL SAFETY DATA SHEET

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DECOUSTICS NON-WOOD ACOUSTIC PANELS

SECTION 1 - PRODUCT INFORMATION

Product Name: Non-Wood Acoustic Panels.

Product Use: Architectural interior acoustical control product

Manufacturer: Decoustics
61, Royal Group Crescent
Woodbridge, Ontario
Canada L4H 1X9

Telephone: (905) 652-5200

Product Safety Note: Acoustic panels are a “manufactured article” as defined in the Hazards Product Act (Canada), and the Workplace Hazardous Materials Information System (WHMIS) regulations; and an “article” as defined by the requirements of 29 CFR 1900.1200.

Use caution when unpacking panels, as vapours from adhesives and resins may be released. See sections 4 and 8 for details.

Installation and maintenance personnel are advised to use caution when cutting, drilling, or otherwise machining acoustic panels. See sections 2, 4 and 8 for details.

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SECTION 2 - HAZARDOUS COMPONENTS

Hazardous Components:

<u>Component</u>	<u>Hazardous Conditions</u>
Adhesives and resins	Inhalation of vapours

If grinding or cutting panels:

Fiber Glass dust	Inhalation of fibres
OSHA PEL 5mg/cu.m (Resp).	
15mg/cu.m. (Total)	
ACGIH TLV = 5 mg/cu.m.	
Ontario Ministry of Labour TWAEV = 1 Fibre/cc.	

Other Components:

Fabric and film coverings
Plastic vapour barrier

SECTION 3 - FIRST AID MEASURES

Eye Contact: If particles enter the eye during drilling, cutting, or other operations, seek medical attention immediately.

Skin Contact: Particles on the skin from drilling, cutting or other operations should be washed off with soap and warm water. Do not try to rub particles off dry.

Inhalation: Move person to fresh air and allow to rest. If ill seek medical attention.

Ingestion: Generally not applicable. Treat symptoms.

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SECTION 4 - HEALTH EFFECTS INFORMATION

ACUTE HEALTH EFFECTS:

- Eye Contact: Vapours released when new product is unpackaged may be irritating to the eyes.
- Skin Contact: Routine handling of panels not harmful to skin.
- Inhalation: Vapours released when new product is unpackaged may cause central nervous system depression; typical symptoms include dizziness, headache, weakness, fatigue or nausea. Vapours may also irritate respiratory passages.
- Ingestion: Health effects are unknown.

TOXICOLOGICAL DATA:

- Oral LD₅₀ : No data available.
- Dermal LD₅₀ : No data available.
- Inhalation LC₅₀ : No data available.

CHRONIC HEALTH EFFECTS

The International Agency for Research on Cancer (IARC) classifies fibreglass wool insulation fibres as “unclassifiable as to its carcinogenicity in humans” (Group 3). Fibreglass wool fibres pose little or no risk to health when used in accordance with recommended guidance.

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SECTION 5 - REACTIVITY DATA

Chemical Stability: Not applicable.

Incompatible Substances and Conditions of Reactivity: Not applicable.

Hazardous Decomposition Products:

In fires, toxic or corrosive gases evolved may include:

- X Oxides of carbon (CO and CO₂);
- X Halogenated gases, such as chlorine, HCl, HBr, or phosgene (COCl);
- X Formaldehyde; or
- X Ammonia.

Hazardous Polymerization: Does not occur.

SECTION 6 - FIRE AND EXPLOSION HAZARDS

Flashpoint: Not applicable.

Flammable Limits: Not applicable.

Unusual Fire and Explosion Hazards: None known.

Auto ignition Temperature: None known.

Extinguishing Media: Water, water spray, carbon dioxide, dry chemical or foam

Special Firefighting Procedures:

Firefighters should wear approved, full-faced self-contained breathing apparatus (SCBA) and full-protective firefighters clothing.

Hazardous Combustion Products:

In fires, toxic corrosive gases evolved may include:

- X Oxides of carbon (CO and CO₂);
- X Halogenated gases, such as chlorine, HCl, Hbr or phosgene (COCl);

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- X Formaldehyde; or
- X Ammonia.

Explosion Data: Not applicable.

SECTION 7 - PHYSICAL / CHEMICAL DATA

Physical State:	Solid	Odour Threshold:	Not applicable
Density:	Not available	Vapour Pressure:	Not applicable
Vapour Density (Air=1):	Not applicable	Evaporation Rate:	Not applicable
Boiling Temperature:	Not applicable	Melting Temperature:	Not applicable
Solubility in Water:	Not applicable	% Volatile by Volume:	Not applicable
Critical Temperature:	Not applicable	Critical Pressure:	Not applicable
Molecular Weight:	Not applicable		

SECTION 8 - PREVENTATIVE MEASURES

Engineering Controls:

Not required for normal product use. Since vapours may be released during unpacking of new product, open all packages in a well-ventilated area.

Handling and Storage:

No specific handling procedures required for normal product use. Store in accordance with product specifications.

Personal Protective Equipment

None required for normal use. If product is to be cut, drilled, or otherwise machined, wear protective eyewear such as safety glasses with side shields; use goggles for overhead applications. Where exposure to glass fibres is likely, wear a NIOSH-approved dust/mist respirator.

Leak or Spill Procedures: Not applicable.

Disposal: Follow Federal, Provincial, State, and Local Regulations.

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SECTION 9 - PREPARATION INFORMATION

Originally Prepared By: ETCOS
Environmental Testing & Consulting Services
96 Terrosa Road
Markham, Ontario L3S 2N1
Telephone: (905) 471-9890

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Note: This Material Safety Data Sheet was prepared on the basis of primary information on the type and quantity of chemical constituents provided by Decoustics and its suppliers. ETCOS assumes no legal responsibility for injury to recipient or third party persons for damage to any property as a result of use or misuse of the product, or the accuracy of ingredient data.