1. Identification

Product

Product Name	Timber Acoustic Slat Panel
Uses	Suitable for interior use as decorative wall panel
BRAND	**Prempanel**

Company Details

Company	INOVA Building Brands Limited
Legal Address	Level 1/320 Ti Rakau Drive East Tamaki, Auckland 2013
Phone	09-272 4000

3. Composition and Ingredients

ingredients

Substance/Chemical Entity	CAS No.	Effect	Product Weight (%)
MDF	None	Body Main Substrate	>43%
PET FELT	None	Body Main Substrate	>45%
LAMINATE VENEER	None	None	<5%
Melamine Urea Formaldehyde Resin	25036-13-9	Production. Gluing	<8%

Panel Sizes AUSTRALIA	2700 x 600 x 21mm & 600 x 600 x 21mm
Panel Sizes NEW ZEALAND	2400 x 600 x 21mm & 600 x 600 x 21mm

Note: Heat is used during the production of this product to cure the resin. However, small amounts of formaldehyde may be released from the finished product. Formaldehyde emissions have been measured in the range of 0.03 - 0.50 mg/L using the small scale chamber test method

Precautions for use

Exposure Standards:

DESCRIPTION	OSH New Zealand	Worksafe Australia
Wood Dust	5mg/m3 time weighted average (TWA)	5mg/m3 time weighted average (TWA) 10mg/m3 short term exposure limit (STEL)
Formaldehyde	1.0PPM (1.2mg/m3) time weighted average (TWA) 2.0ppm (2.5mg/m3) time weighted average (TWA)	1.0PPM (1.2mg/m3) time weighted average (TWA) 2.0ppm (2.5mg/m3) time weighted average (TWA)

2. Hazardous Identification

Health Hazard Information

Eye Contact:	This product in the supplied form can emit small amounts of formaldehyde which can unlikely cause temporary irritation or a burning sensation. Further processing of the product can produce wood dust which can cause mechanical irritation.
Skin Contact:	PET Felt and MDF fibres may evoke allergic contact dermatitis in sensitized individuals. Handling panels may cause splinters which can lead to skin irritation.
Inhalation:	In a well ventilated work areas the concentration of formaldehyde will not exceed World Health Organization standard of 0.1 mm and will be well below the Occupational Exposure Standard of 1.0 ppm on a time weighted average. Wood dust **May** cause nasal dryness, irritation and obstruction. Coughing, wheezing,
Ingestion:	Not applicable as is not likely to occur.

4. First Aid

New Zealand Poisoning & Hazardous Chemicals
National Information Centre
Phone: 0800 POISON - 0800 764 766

Eyes	Flush eyes with large amounts of water. If irritation persists, get medical attention
Skin	Wash affected areas with an organic soap and large amounts of water. If persistent
Inhalation	Move to fresh air. Get medical advise if persistent irritation, severe coughing or
Ingestion	Not Applicable

5. Accidental Release Measures

Not Applicable

6. Storage and Handling

Safety Handling Information

Storage and Transport	Panels should be stored in well ventilated areas away from sources of heat, flames or sparks
Fire and Explosion Hazard	These panels have been fire tested to the Australian Standard AS 5637:2015 Determination of fire hazard properties. The test method is in accordance to AS ISO 9705 - 2003 (R2016) Fire testes - Full scale room test for surface products. Test result: Group 3. Burning or smouldering boards or wood dust can generate carbon dioxide and other pyrolysis products typical of burning organic material. Dry wood dust in concentrated areas can be explosive.
Smoking	Storage and work areas should be smoke free

7. Exposure Controls / PPE

Engineered Controls	All work done on this product should be carried out in such a way as to minimise wood dust. Machining should be done with equipment fitted with exhaust device or retaining bag, sufficient to remove any wood dust at the source. Wood dust should be removed by vacuum cleaning or by wet sweeping.
Skin Protection	Wear comfortable clothing, covering areas of the skin that may be irritated by shavings or splinters. Wear comfortable working gloves (AS2161) to minimise the risk of skin irritation and splinters. Wash clothes immediately after use or as regular as possible, and separate from other clothing
Respiratory Protection	If wood dust exposure is unable to be controlled during machining of this product, use a P1 or P2 replaceable filter or disposable face piece respirator. Respirator's should be maintained and comply with AS/NZS 1715.
Eye Protection	Safety glasses or non fogging goggles (AS/NZS 1337) should be worn when machining.
Flammability	These boards are flammable but difficult to ignite. Avoid a build-up of wood dust and keep all storage and work areas well ventilated. Avoid areas where flame can me created by sparks.

9. Physical and Chemical Properties

Physical Description . Properties

Appearance	The products are manufactured as pressed veneer (0.3mm) on MDF interior sheets. The veneer varies in species from Oak to Walnut, and may include other timber species. MDF venner is cut into slats and fixed to recyclable PET Acoustic Felt.
Odour	No distinctive odour present
Boiling Point	N/A
Vapour Pressure	N/A
Vapour Density	N/A
Melting Point	N/A
Specific Gravity	0.30 - 1.00 Fine wood dust, generated during machining of this product, can spontaneously ignite
Flammability in air	
Auto Ignition Temperature	>200degC
Precautions	Refer; Section 2 - Hazardous Information

10 Suitability & Reactivity

Conditions Contributing to Instability	Stable under normal conditions. Note: Product is non-structural and should not be used as a structural building product.
Incompatibility	Avoid contact with oxidizing agents
Hazardous decomposition products	Fine wood dust, generated during machining of this product, can spontaneously ignite Thermal and/or thermal oxidative decomposition can produce irritation and toxic fumes and gases, including carbon monoxide, hydrogen cyanide, aldehydes, organic acids, and polynuclear aromatic compounds.

11. Toxicology Information

Formaldehyde is listed on the International Agency for Research on Cancer (IARC) as a probable human carcinogen

Formaldehyde is regulated by OSHA as a potential cancer agent. In studies involving rats, formaldehyde has been shown to cause nasal cancer after long-term exposure to very high levels (14+ppm), far above those normally found in the workplace, using similar products to this one.

Wood Dust generated during machining of plywood is not classified as a potential cancer hazard by OHSA or the National Toxicology Program.

IARC (International Agency for Research of Cancer) classifies wood dust as a carcinogen due to potential risk in occurrence of adenocarcinomas of the nasal cavities and paranasal sinuses associated with exposure to wood dust.

12. Ecological Data

Product is biodegradable

No water hazard - Insoluble in water

Product shall be utilized in efficient manner after end of lifecycle

13. Disposal Considerations

Disposal	Off-cuts and general waste should be placed in containers and disposed of at an approved landfill

14. Transport Information

UN Number	None Allocated
Dangerous Good Class	N/A

15. Regulatory Information

OHSA: Not Hazardous under criteria OSHA 29CFR 1910:1200

TSXA: Complies with TSCA Inventory Requirements