

# Surfaces creating inspiration.



## NaturaWood

### Material Safety Data Sheet

Made with pure wood fibre and printed with a perfectly synchronised texture, NaturaWood has a polished finish like timber veneer, making it near-impossible to distinguish from the real thing. Ideal for interior vertical surfaces in residential and commercial applications, NaturaWood adds warmth and authenticity to furniture, joinery, doors, and wall paneling—with excellent tactility and value for money.

This sheet should be read in conjunction with all other NaturaWood specifications.

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## Exposure Controls and Personal Protection

Ensure correct equipment is worn when handling/machining panels, including safety footwear, eyewear, gloves, and dust masks. Machine panels in well-ventilated areas and remove excess dust from the area as soon as possible.

Occupational Exposure Limits:

- Wood Dust = TWA 2mg/m<sup>3</sup>
- Formaldehyde = WES-TWA 0.3ppm / WES-STEL 0.6ppm

## Accidental Release Measures

Remove machine dust using dust extraction or vacuum equipment. Dispose of dust and discarded panels in a safe manner according to local council regulations.

## Hazard Identification

**GHS Classification:** The product is not classified as hazardous in its intact form. However, wood/laminate dust generated during cutting, sanding, or machining is classified as hazardous. In its intact, inert state, HPL-laminated NaturaWood panels are not hazardous.

Wood/laminate dust may be harmful. Overexposure may increase the risk of cancer, and dust suspended in air can form explosive mixtures.

This product contains and may release formaldehyde. Formaldehyde has been evaluated by IARC as Group 1 (carcinogenic to humans).

Smoke from burning panels is hazardous and may irritate the respiratory system.

Panel edges and broken panels may be sharp and can cause cuts.

## First Aid Measures for Exposure to Dust or Gases:

Emergency Services Contact: Dial 111 (Fire, Ambulance, Police)

New Zealand Poisons & Hazardous Chemicals National Information Centre: Phone 0800 POISON or 0800 764 766

**Inhalation** - Move to fresh air and a comfortable breathing position. If the respiratory system is affected, contact NZ Poison Centre, or seek medical attention.

**Skin Contact** - Wash affected skin with soap and water. Remove contaminated clothing. If skin irritation occurs, seek medical attention.

**Eyes** - Remove contact lenses/glasses and rinse with water for several minutes. If irritation persists, seek medical attention.

**Ingestion** - If ingested, drink a glass of water, and contact NZ Poison Centre for advice.]

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## Fire Fighting Measures

NaturaWood Panels can ignite at temperatures above 185 °C. Avoid accumulations of dry dust in small areas as this can be explosive. To extinguish, use water or fire-fighting foam.

## Physical and Chemical Properties

Appearance: NaturaWood panels consist of a wood substrate overlaid with a paper melamine finish and are manufactured with a wide range of thicknesses (4mm to 25mm) and varying lengths, widths, and densities.

Boiling Point/Melting Point: Not Applicable

Vapour Pressure: Not Applicable

Specific Gravity: 0.3 to 1.0

Flash Point: Not Applicable

Solubility in Water: Negligible

Ignition Temperature: >185°C

## Stability and Reactivity

Chemical Stability: Stable under normal conditions of storage, use and handling. Avoid heat, sparks, open flames, and other ignition sources.

Reactivity: Incompatible with oxidizing agents (e.g. nitrates) and acids (e.g. hydrochloric acid). May evolve toxic gases (carbon/nitrogen oxides, ammonia, formaldehyde, hydrocarbons) when heated to decomposition. May evolve hydrogen cyanide.

## Toxicological Information

Acute/Short Term Health Effects of Wood/Laminate Dust Include:

- Swallowed: May cause abdominal discomfort
- Eyes: Irritation resulting in redness and watering
- Skin: May result in itchiness and dermatitis in some people
- Inhaled: Irritation of the throat, nose, and lungs.

If the panels are heated to more than 120 °C or are burning or smouldering, vapours may be irritating to eyes, skin, and respiratory system.

Chronic/Long-Term Health Effects of Wood/Laminate Dust and Formaldehyde Include:

Repeated inhalation of wood/laminate dust may increase the risk of nasal and Para nasal sinus cancer and lung fibrosis. May also lead to increased sensitivity of skin and the respiratory system.

The International Agency for Research on Cancer has labelled wood and laminate dust in Group 1, carcinogenic to humans. It has been labelled Formaldehyde in Group 1, carcinogenic to humans. For more information on the effects of wood/laminate dust and formaldehyde exposure go to <https://www.worksafe.govt.nz/>.

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**Disposal:**

Reuse where possible. Store offcuts and waste in closed containers and dispose of in accordance with local council regulations. Do not burn as household fuel. Raw board may be incinerated or mulched for compost where permitted.

**Regulatory Information:**

Refer to New Zealand Work Safe Exposure Standards.