

# Safety Data Sheet



## SECTION 1: IDENTIFICATION

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**Products:** This SDS applies to all “3RT Wood” products from 3RT.

**Supplier:** 3RT Technologies Pty Ltd  
Suite 9 / 13 Corporate Drive  
Heatherton, VIC 3202  
Phone: 1300 152 144  
Email: [info@3rt.com.au](mailto:info@3rt.com.au)

**Emergency Phone Number:** 13 11 26, Australian Poisons Information Centre

**Use:** General timber usage, furniture and fitments.

## SECTION 2: HAZARD(S) IDENTIFICATION

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**Hazardous Statement:** Not classified as hazardous according to Work Safe Australia Regulations.

**Label Elements:** no signal word, pictograms, hazard or precautionary statements have been allocated.

## SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

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These products are a mixture of wood veneers (various species available) and a thermo-set resin.

Item	GHS Hazard Class	GHS Hazard Category	Proportion by weight
Wood veneer	None	None	>90%
Other nonhazardous components	None	None	<10%

## SECTION 4: FIRST AID MEASURES

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Exposure to wood dust produced during machining may result in the following acute health effects: Handling wood may cause splinters.

**Ingestion:** Very unlikely to occur but may result in abdominal discomfort.

**Eye:** May be irritating to the eyes causing redness and discomfort.

**Skin contact:** May result in irritation.

**Inhaled:** May be irritating to the nose, throat and lungs.

**Chronic Health Effects:** Repeated inhalation of dust from this product may increase the risk of nasal cavity cancer. Exposure to wood dust in some susceptible people may result in respiratory and skin sensitivity leading to asthma and dermatitis respectively. However, if the work practices noted in this SDS are followed, and exposure to airborne dusts are kept low, no acute or chronic health effects are anticipated.

### FIRST AID TREATMENT

**Ingestion:** If swallowed, give water to drink. Seek medical attention if any abdominal discomfort.

**Eyes:** Flush thoroughly with water for at least 15 minutes. Remove contact lenses before flushing. If irritation persists seek medical attention.

**Skin:** Wash thoroughly with mild soap and water. Remove contaminated clothing.

**Inhaled:** Leave the dusty area.

**Advice to doctor:** Treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

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Burning or smouldering boards or wood dust can generate carbon dioxide and other pyrolysis products typical of burning organic material. Dry wood dust in high concentrations can be explosive. Use water or dry chemical powder fire extinguishers.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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Small quantities of wood dust should be cleaned up by vacuuming or wet sweeping.

For release of large quantities of dust: evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Use the personal protective equipment recommended in Section 8.

Although no specific Environmental Precautions required for wood dusts: it is good practice to prevent releases into the environment. If a large quantity of dust is inside a building, prevent it from entering drains, ventilation systems and confined areas.

## SECTION 7: HANDLING AND STORAGE INFORMATION

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3RT Wood Products should be stored in a well ventilated area away from sources of heat, flame or sparks.

Not classified as dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road, Rail, Sea and Air. No special transport requirements are considered necessary.

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

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The Worksafe Australia Exposure Standards for wood dust, published 27 April 2018 are:

Item	TWA (mg/m <sup>3</sup> )	STEL (mg/m <sup>3</sup> )	Other information
Softwood Dust	5	10	Sensitive to skin and respiratory tract
Hardwood Dust	1	–	Sensitive to skin and respiratory tract

**TWA:** Time Weighted Average    **STEL:** Short Term Exposure Limit

Keep exposure as low as practicable with the aim of maintaining inspirable wood dust levels below 1.0 mg / m<sup>3</sup> TWA.

**Engineering Controls:** All work with 3RT Wood Products must be carried out in such a way as to minimise exposure to wood dust. Under factory conditions, the use and processing of 3RT Wood Products should be done with equipment fitted with local exhaust ventilation devices capable of removing dust at source. Measures should be taken to eliminate the build up of static electricity.

**Skin Protection:** Wear industrial gloves (AS2161), loose comfortable clothing, and boots. Longsleeved shirts and long trousers are recommended if skin irritation occurs. Wash with mild soap and water after working with 3RT Wood Products. Launder work clothes regularly and separately from other clothes.

**Respiratory Protection:** If wood dust exposures are not sufficiently controlled when machining (sawing, routing, planing, drilling, sanding, etc.) a class P1 or P2 replaceable filter or disposable face piece respirator should be worn. Respirators should be selected, used and maintained in accordance with AS/NZS 1715/1716.

**Eye Protection:** Safety glasses or non-fogging goggles to meet (AS/NZS 1337) should be worn when machining.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance:</b>	Wood, colour is specific to species used.
<b>Physical State:</b>	Solid
<b>Flammability:</b>	Fine airborne dust, generated when the product is machined, can ignite spontaneously.
<b>Auto ignition temperature:</b>	>200°C
<b>Odour:</b>	Not determined
<b>Odour Threshold:</b>	Not determined
<b>Solubility in water:</b>	Highly insoluble

## SECTION 10: STABILITY AND REACTIVITY

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**Reactivity:** Not reactive under normal conditions of use. Wood dust is reactive with oxidizing materials. Combustible in the presence of the following materials or conditions: open flames, sparks and static discharge.

**Chemical stability:** Stable under normal conditions of storage and use.

**Possibility of hazardous reactions:** None expected under normal conditions of storage and use.

**Conditions to avoid:** Generation of dust through cutting, sanding or disturbing the pure product. Open flames, sparks, static discharge, heat and other ignition sources.

**Incompatible materials:** Wood dust is incompatible with oxidizing materials.

**Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: TOXICOLOGICAL INFORMATION

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**Acute toxicity:** No information available.

**Skin corrosion/irritation:** Handling and / or processing this material may generate a dust which can cause irritation of the skin. Potential symptoms include dermatitis.

**Serious eye damage/irritation:** Handling and / or processing this material may generate a dust which can cause irritation of the eyes.

**Respiratory or skin sensitisation:** Wood dust may be a dermal and respiratory sensitizer.

**Germ cell mutagenicity:** No information available.

**Carcinogenicity:** Not classified as a carcinogen. However, repeated exposure to wood dust may result in result in nasal and paranasal sinus cancers (IARC Group 1). Adverse health effects are usually associated with long-term exposure to high dust levels.

**Reproductive toxicity:** No information available.

**Specific Target Organ Toxicity (STOT)—single exposure:** Handling and / or processing this material may generate a dust which can cause respiratory tract irritation, asthma, coughing / wheezing, and sinusitis.

**Specific Target Organ Toxicity (STOT)—repeated exposure:** Repeated inhalation of dust can produce varying degrees of respiratory irritation or lung damage. Chronic exposure to wood dusts can result in dermatitis reactions, asthma, pneumonitis, and coughing, wheezing, fever and other signs and symptoms associated with chronic bronchitis.

**Aspiration hazard:** No information available.

## SECTION 12: ECOLOGICAL INFORMATION

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**Toxicity:** No information available.

**Persistence and degradability:** No information available.

**Bioaccumulative potential:** No information available.

**Mobility in soil:** No information available.

**Other adverse effects:** No information available.

## SECTION 13: DISPOSAL CONSIDERATIONS

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Offcuts and general waste should be disposed of in accordance with local disposal authority guidelines.

## SECTION 14: TRANSPORT INFORMATION

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**UN Number:** None allocated

**Proper Shipping Name:** None allocated

**Transport Hazard Class:** None allocated

**Packing Group Number:** None allocated

**IMDG Code:** None allocated

**Special Precautions for user:** None available

**HAZCHEM Code:** None allocated

## **SECTION 15: REGULATORY INFORMATION**

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End users should consult local publications regarding control of wood dust hazards in the workplace within their state or territory.

## **SECTION 16: ANY OTHER RELEVANT INFORMATION**

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