



Rev Date 01/07/2014

MATERIAL SAFETY DATA SHEET

Non-treated Plantation Softwood

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

IDENTIFICATION

Product Name:	Non-chemically treated ["non-treated"] Plantation Softwood
Chemical Name:	Softwood
UN Number:	None allocated
Trade Name:	WESPINE
Dangerous Goods Class:	None allocated
Subsidiary Risk:	None allocated
Hazchem Code:	None allocated
Poisons Schedule Number:	Not scheduled
Use:	Non-treated plantation softwood has multiple uses including packaging, house framing, wall linings and furniture.

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PHYSICAL DESCRIPTION/PROPERTIES

Appearance:	Non- treated seasoned plantation softwood has a blond colour prior to varnishing or other surface treatment. The product is sold as seasoned rough sawn, green rough sawn and seasoned machined structural.
Odour:	There is no odour
Boiling Point:	Not applicable
Melting Point:	Not applicable
Vapour Pressure:	Not applicable
Flashpoint:	Not applicable
Flammability Limits in Air:	Fine dusts may form flammable/explosive dust clouds in air.
Specific Gravity (water=1):	Varies according to timber species and moisture content
Molecular Weight:	Not determined
Solubility in Water:	Highly insoluble
pH (1% aqueous solution):	Not applicable
Auto-ignition Temperature:	>220°C

INGREDIENTS

Chemical Entity:	CAS No.	Proportion (by weight):
Softwood	none	>100%

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HEALTH HAZARD INFORMATION

Health Effects: The following health effects and recommendations refer to both non-treated green and non-treated seasoned plantation softwood.

Ensure non-treated green plantation softwood is stored and used in a well ventilated area. Storing and using this product in humid and poorly ventilated locations may produce an environment in which common air-born mould spores can proliferate on the timber surface.

Handling wood may cause splinters.

Acute Health Effects

Swallowed: Unlikely under normal conditions. Swallowing wood dust may cause abdominal discomfort.

Eye: Wood dust is irritating to the eyes resulting in redness and watering.

Skin: Skin contact with wood dust may result in skin irritation.

Inhaled: Inhalation of wood dust may be irritating to the nose, throat and lungs.

Chronic Effects: Repeated inhalation of dust from this product may increase the risk of nasal cavity cancer. Exposure to softwood and its dust in some susceptible people may result in respiratory and skin sensitisation leading to asthma and dermatitis respectively.

First Aid

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

Eyes: Flush thoroughly with water for at least 15 minutes. If irritation persists seek medical attention.

Skin: Wash thoroughly with mild soap and water. Remove clothing if contaminated with wood dust.

Inhaled: Leave the dusty area.

Advice to Doctor: Treat symptomatically.

PRECAUTIONS FOR USE

Exposure Standards: WorkSafe Australia Exposure Standard for Wood dust (softwood).

5mg/m³ time weighted average (TWA) - measured as inspirable particulates.

10mg/m³ short term exposure limit (STEL).

sen - sensitising to skin and respiratory tract.

Ensure non treated green plantation softwood is stored and used in a well ventilated area.

Keep exposures as low as practicable with the aim of maintaining inspirable wood dust levels below 1.0mg/m³ TWA.

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WESPINE INDUSTRIES PTY LTD Recommendation:

- Engineering Controls:** All work in plantation softwood must be carried out in such a way as to minimise exposure to wood dust. Under factory conditions, sawing, drilling or sanding of plantation softwood should be done with equipment fitted with local exhaust ventilation devices capable of removing dust at source.
- Respiratory Protection:** Avoid breathing sawdust from plantation pine. Wear a P1 or P2 respirator suitable for particulates and conforming to Australian Standards AS/NZS 1716 when exposed to dust.
- Avoid disturbing mould growth on any green plantation softwood – allergic respiratory reactions may result.
- Skin Protection:** Wear industrial gloves (AS/NZS 2161), loose comfortable clothing [unless this will cause a hazard working in and around machinery] and boots. Long sleeved shirts and long trousers are recommended if skin irritation occurs. Wash skin with mild soap and water after working with plantation pine. Launder work clothes regularly and separately from other clothes. Wash hands well with soap and water before eating or smoking.
- Eye Protection:** Wear safety glasses or goggles, (AS/NZS 1337) if airborne dust is generated.
- Flammability:** Not flammable under normal conditions of use but is combustible and will help sustain a fire.

SAFE HANDLING INFORMATION

- Storage and Transport:** Plantation softwood should be stored in a well-ventilated area away from sources of heat, flames and sparks.
- No special transport requirements are considered necessary.
- Spills and Disposal:** Offcuts and general waste material should be placed in containers and disposed of at approved landfill sites or incinerated in accordance with local authority guidelines. Non-treated plantation softwood can be burnt in open fires, fireplaces and residential boilers.
- Fire/Explosion Hazard:** Dust may form an explosive mixture with air.
- In a fire, use water jets to extinguish flames.

OTHER INFORMATION

- Smoking:** WESPINE INDUSTRIES PTY LTD recommends that all storage and work areas should be smoking-free areas.

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LABELLING REQUIREMENTS

WARNING: PLANTATION SOFTWOOD

- Risk:** Spores from mould growth on green plantation softwood stored in humid conditions may exacerbate respiratory conditions.
- Wood dust is irritating to eyes, skin and respiratory system. May cause sensitisation by inhalation (asthma) and skin contact (dermatitis). Repeated inhalation of wood dust may cause cancer.
- Safety:** Avoid prolonged exposure in humid conditions to green softwood exhibiting mould growth in restricted areas.
- Avoid repeated or prolonged contact with skin. Avoid contact with eyes. Avoid breathing dust. Wear suitable protective clothing including gloves (AS/NZS 2161), eye (AS/NZS 1337) and respiratory (AS/NZS 1716) protection if airborne dust generated, or if machining wood without adequate dust extraction.
- Wash work clothes regularly and separately from other clothes. Keep work areas clean by vacuuming or hosing and wet sweeping (not by compressed air or dry sweeping).
- First Aid:** If affected by dust irrigate eyes with plenty of water.
- Wash skin with soap and water.
- Disposal:** Follow above safety instructions and collect in containers for disposal as trade waste in accordance with local authority guidelines.
- Fire:** Wood dust can form an explosive mixture in air.
- Earth all exhaust equipment and prevent high dust concentrations in confined spaces.

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CONTACT POINT

Further information may be obtained from:

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Emergency: Poisons Information Centre 13 11 26.

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