

Pollards Sawdust Supplies
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Revision
Jan 2016

MATERIAL SAFETY DATA SHEET

SAWDUST FROM NON-TREATED PLANTATION SOFTWOOD

Important Notice: This material Safety Data Sheet (MSDS) is issued by Pollards Sawdust in accordance with Worksafe Australia guidelines. As such, the information contained herein must not be altered, deleted or added to. Pollards Sawdust will issue a new MSDS when there is a change in product specifications and / or Worksafe Australia guidelines / regulations. Pollards Sawdust will not accept any responsibility for any change made to its MSDS in content by any other person or organisation.

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IDENTIFICATION

Product name: Non-treated Plantation Softwood "Pine".

Chemical name: Softwood

UN number: None allocated

Trade name: Various "Pine"

Dangerous goods class: None allocated

Subsidiary risk: None allocated

Hazchem code: None allocated

Poisons schedule number: None allocated

Use: Sawdust non-treated Plantation Softwood has multiple uses including Animal Bedding, smoking food, cleaning/absorbent of liquids, Ceramics, Rumbling and Filling & Packing.

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CHEMWATCH HAZARD RATINGS

Not classified as hazardous according to Worksafe Australia criteria.

Flammability: 1

Toxicity: 0

Body Contact: 0

Reactivity: 0

Chronic: 4

SCALE: Min/Nil = 0 Low = 1 Moderate = 2 High = 3 Extreme = 4

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Physical Description / Properties:

Appearance:	Non-treated Plantation Softwood has a blond colour prior to varnishing or other surface treatment. The product is sold dressed, sawn and as moulded profiles.
Odour:	There is no odour
Boiling Point:	Not applicable
Melting Point:	Not applicable
Vapour pressure:	Not applicable
Flash Point:	Not applicable
Flammability limits in air:	Not flammable under normal conditions of use. (See "Fire/explosion hazard" on page 4)
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:	>200°C

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Ingredients:

Chemical Entity:	CAS No:	Proportion (by volume)
Softwood	None	>100%

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HEALTH HAZARD INFORMATION

Acute Health Effects: Handling wood may cause splinters.

The following effects refer to the wood dust from Non-treated Plantation Softwood based on current research and knowledge.

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.

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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 sensitivity leading to asthma and dermatitis respectively.

However, if the work practices noted in this MSDS are followed, and exposure to airborne dusts are kept low, no acute or chronic health effects are anticipated.

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. Remove contact lenses before flushing. If irritation persists seek medical attention.

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

Inhaled: Leave the dusty area.

Advice to doctor: Treat symptomatically.

PRECAUTIONS FOR USE

Exposure standards:

Worksafe Australia Exposure Standard

Wood dust (softwood)

5mg / m³ time – weighted average (TWA) – measured as inspirable particulate

10 mg / m³ short term exposure limit (STEL)

sen – sensitive to skin and respiratory tract (SEN)

Pollards Sawdust recommendation:

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

Engineering controls:

All work with Non-treated Plantation Softwood must be carried out in such a way as to minimise exposure to wood dust. Under factory conditions, the use and processing of non-treated Plantation Softwood 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.

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Exposure standards:

Respiratory protection:

Avoid breathing sawdust from Non-treated Plantation Softwood. Wear a P1 or P2 respirator suitable , and conforming with Australian Standards AS / NZS 1715 and AS / NZS 1716 when exposed to dust. These standards should be followed in the selection, fit-testing, use, storage and maintenance of the respirators.

Skin protection:

Wear industrial gloves (AS2161), loose comfortable clothing, and boots. Long-sleeved shirts and long trousers are recommended if skin irritation occurs. Wash with mild soap and water after working with Non-treated Plantation Softwood. Launder work clothes regularly and separately from other clothes.

Eye protection:

Non-fogging goggles or safety glasses (AS /NZS 1337) should be worn if there is a risk of wood dust getting into the eyes.

Flammability:

Not flammable under normal conditions of use, but is combustible and will help sustain a fire.

SAFE HANDLING INFORMATION

Storage & Transport:

Non-treated Plantation Softwood 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.

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, stoves, fireplaces and residential boilers.

Fire/explosion hazard:

Non-treated plantation softwood will help sustain a fire and the dust may form an explosive mixture with air. Avoid sparks, the build up of static electricity and sources of ignition in all electrical equipment and dust extraction equipment. In a fire, use water jets to extinguish flames.

OTHER INFORMATION

Smoking:

Pollards Sawdust recommends that all storage and work areas should be smoke-free areas.

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PRODUCT LABELLING

Pack labels:

No product labelling available for this product.

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CONTACT POINT

Further information may be obtained from:

Manager – Environment, Safety & Quality

Telephone: 03 9435 6167

E-mail: info@sawdust.com.au

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