



Revision Date – 01/07/2014

MATERIAL SAFETY DATA SHEET

SUPAPINE CCA Treated Plantation Pine

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 product specifications and/or WorkSafe Australia guidelines/regulations. WESPINE INDUSTRIES PTY LTD will not accept any responsibility for any changes made to its MSDS in content by any other person or organisation.

IDENTIFICATION

Product Name:	SUPAPINE
Chemical Name:	Copper chrome arsenate treated softwood
UN Number:	None allocated
Trade Name:	SUPAPINE - CCA Treated Plantation Pine
Dangerous Goods Class:	None allocated
Subsidiary Risk:	None allocated
Hazchem Code:	None allocated
Poisons Schedule Number:	None scheduled
Use:	It is recommended that SUPAPINE be used in any application where potential fungal and/or insect attack is of concern.

Wespine Industries Pty Ltd

Tel +61 8 9725 5777 PO Box 1320, 241 Moore Road,
Fax +61 8 9725 4559 Bunbury, WA, 6231 Dardanup, WA 6236

ABN 88 052 954 337

www.wespine.com.au

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Physical Description/Properties:

Appearance:	SUPAPINE has a green colour and weathers to varying shades of grey/green over several years. The product is sold as rough sawn and seasoned machined structural.
Odour:	After fixation 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: Dust from this product contains:

	CAS #	%	Exposure limits. NOHSC [1003(1995)]
Wood dust from plantation pine		>98%	5 mg/m ³ TWA, 10 mg/ m ³ STEL
A non-specific copper/chrome/arsenate complex		<2%	None allocated

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HEALTH HAZARD INFORMATION

Health Effects - Dust Hazard Inhalation of excessive amounts of dust may cause temporary upper respiratory irritation and/or congestion and irritation of the eyes and skin. Exposure to SUPAPINE dust may cause absorption of the copper/chrome/arsenate complex. Any potential health effects from this product will be related to dust only, and not from intact product which has been left for 14 days after treatment, or otherwise conditioned to allow chemical fixation. A Guidance Note entitled "Controlling Wood Dust Hazards at Work" issued by the Worksafe Division of the Department of Commerce, Western Australia, states that "Dust from CCA (copper-chrome-arsenate) treated timber is not significantly more toxic than from other timbers, provided dust levels are kept below occupational exposure standards". [Controlling Wood Dust Hazards at Work](#)

Note: Handling wood may cause splinters.
The following health effects refer to exposure to SUPAPINE CCA treated plantation pine sawdust:

Acute Health Effects:

Swallowed: Unlikely under normal conditions. Swallowing the dust may cause nausea, abdominal pain and diarrhoea.

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

Skin: Skin contact within 14 days of CCA treatment may result in skin irritation. Wood dust may irritate the skin or cause a contact (allergic) dermatitis in some people.

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

Chronic (long term) Effects: Repeated inhalation of dust from this product may cause nasal and other respiratory cancers. Some compounds of arsenic are associated with an increased risk of lung cancer. Some chromium compounds have been associated with an increased risk of nasal cancer. Wood dust is associated with an increased risk of nasal cancer. Exposure to wood dust in some susceptible people may result in respiratory and skin sensitisation leading to asthma and dermatitis respectively.

First Aid:

Swallowed: If wood dust is swallowed, give water to drink. Seek medical attention if any abdominal discomfort. If swallowed by a child and more than 15 minutes from a hospital, induce vomiting if the child is alert and conscious.

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.

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Inhaled:	Leave the dusty area.
Advice to Doctor:	Treat symptomatically. Note that small children can get symptoms of arsenic poisoning if more than 60 grams of CCA treated dust per 10 kg of body weight, is ingested.

PRECAUTIONS FOR USE

Exposure Standards: WorkSafe Australia Exposure Standard

There is no specific Exposure Standard for SUPAPINE CCA treated softwood.

Recommendation:

Exposure control/

Personal protection

Keep exposures as low as practicable with the aim of maintaining air borne CCA treated dust levels below 1.0 mg/m³ TWA. All work with CCA treated wood must be carried out in such a manner as to minimise exposure to dust.

Eye Protection:

Non-fogging goggles or safety glasses (AS/NZS 1337) should be worn if there is a risk of wood dust or flying particles getting into the eye such as when using power tools.

Skin Protection:

Wear industrial gloves (AS 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 SUPAPINE. Launder work clothes regularly and separately from other clothes.

Respiratory Protection:

Avoid breathing wood dust. Wear a P1 or P2 particulate respirator suitable for particulates and conforming to Australian Standards AS/NZS 1715 and AS/NZS 1716 when exposed to dust. These Standards should be followed in the selection, fitting, testing, use, storage and maintenance of the respirators.

Ventilation:

Engineering Controls:

Local exhaust ventilation should be provided at areas of wood processing to remove air borne dust. General dilution ventilation should be provided as necessary to keep air borne dust below the guideline exposure limit.

Smoking

Inhalation of air borne particles from other sources in the work environment, including those from cigarette smoke, may increase the risk of lung disease. It is recommended that all storage and work areas be smoke free zones and that other air borne contaminants be minimised.

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SAFE HANDLING INFORMATION

Storage and Transport: SUPAPINE 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: Off-cuts, general waste material and dust resulting from normal building and construction work are not considered to be a hazardous waste and should be disposed of through normal waste collection services or at approved landfill sites. Operations generating more than one tonne per month of this type of waste may require EPA or other authority approval. SUPAPINE **must not be burnt** in open fires, stoves, fireplaces and residential boilers.

Fire/Explosion Hazard: SUPAPINE will help sustain a fire and the dust may ignite at temperatures above 204°C and at high concentrations in air (>60g/m³) may spontaneously explode. During combustion SUPAPINE wood or wood wastes may emit toxic vapours (carbon dioxide, arsenic oxides). Ashes may contain free copper, chromium and arsenic residues and may be toxic. Full protective clothing and self-contained breathing apparatus should be worn by fire fighters.

Extinguish fire with water, fog, foam, carbon dioxide or dry chemical. Dispose of ash and burnt waste in approved landfill and in accordance with local and state regulations. SUPAPINE should not be burnt.

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LABELLING REQUIREMENTS

WARNING

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- Risk:** Wood dust may be irritating to the 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 repeated or prolonged contact with the skin. Avoid contact with the eyes. Avoid breathing wood dust. Wear suitable protective clothing including gloves (AS 2161), eye (AS/NZS 1337) and respiratory (AS/NZS 1716) protection if airborne dust is present.
- 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:** Irrigate eyes with plenty of water.
Wash skin with soap and water.
Seek medical attention if symptoms persist.
- Disposal:** Follow above safety instructions and collect in containers for disposal as trade waste in accordance with local authority guidelines.
- SUPAPINE must not be disposed of by burning.**
- Fire:** Wood dust can form an explosive mixture in air.
Extinguish with water, CO₂, foam or dry chemical extinguishers. Fire fighters must wear breathing apparatus.
Earth all exhaust equipment and prevent high dust concentrations in confined spaces.

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CONTACT POINT

Further information may be obtained from:

WESPINE INDUSTRIES PTY LTD

241 Moore Road, Dardanup, Western Australia 6236. P.O. Box 1320,
Bunbury, Western Australia 6231

Telephone: (08) 9725 5777 Facsimile: (08) 9725 4559

Internet: www.wespine.com.au

Emergency: Poisons Information Centre 13 11 26.

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