

SAFETY DATA SHEET

Section 1 Identification of the material and the supplier

Product: **CCA Treated Radiata Pine**
Product Use: Timber components for use in structures in situations where insect and fungal decay resistance is required

New Zealand Supplier: **Red Stag Timber Ltd**
Address: P.O. Box 1748
Rotorua 3040
New Zealand
Telephone: 07 349 5800
Fax Number: 07 347 0958

Emergency Telephone: **07 349 5800**

Date of SDS Preparation: 10 April 2015

Section 2 Hazards Identification

This substance is NOT hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

Wood dusts are respiratory sensitisers and special care must be taken in their management. Inhalation of wood dust may result in asthma-like symptoms. The material may be mildly discomforting to skin and cause dermatitis. Wood dust is mildly abrasive to eyes. If large quantities of wood dust are swallowed, abdominal discomfort and vomiting can occur.

Section 3 Composition / Information on Ingredients

Ingredients	CAS NUMBER.	Weight %
Wood preservative residuals as:		
Copper (II)	7440-50-8	< 1
Chromium (III)	7440-47-3	< 1
Arsenic (V)	9011-05-6	< 1
Pinus Radiata – Timber	N/A	To balance

Section 4 First Aid Measures

Routes of Exposure:

- If in Eyes Hold eyes open and carefully rinse eyes with running water for several minutes. Seek medical advice if irritation persists.
- If on Skin Rinse skin with soap, water/shower. If skin irritation occurs, get medical attention. Get medical advice if pierced by splinters.
- If Swallowed Rinse mouth. Do not induce vomiting unless told to do so by a Poison Centre or doctor. Call a POISON CENTER or doctor/physician if you feel unwell.
- If Inhaled If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, begin artificial respiration. Use mouth-to-nose rather than mouth-to-mouth. If experiencing respiratory symptoms: Seek medical attention.

Section 5 Fire Fighting Measures

Hazard Type	Combustible material
Hazards from decomposition products	Avoid breathing smoke or fumes that may contain hazardous decomposition products. Carbon dioxide, carbon monoxide, oxides of nitrogen. May produce toxic decomposition products in fumes and smoke in fire.
Suitable Extinguishing media	In case of fire use water spray.
Precautions for firefighters and special protective clothing	Wear personal protection equipment and self-contained breathing apparatus. Wood dust may form explosive mixtures with air.
HAZCHEM CODE	None Allocated

Section 6 Accidental Release Measures

Wear appropriate personal protective equipment. Avoid any contact with skin or eyes.

Dispose of treated off cuts to authorised landfill. Wash and dry any contaminated protective equipment before re-use.

Section 7 Handling and Storage

HANDLING:

- Wear protective clothing.
- Wash hands before smoking, eating, drinking or using the toilet
- Keep away from sparks, open flames, hot surfaces. No smoking.

STORAGE:

- Store away from sources of heat or ignition
- Store away from incompatibilities listed in Section 10.

Section 8 Exposure Controls / Personal Protection

EXPOSURE LIMITS: A Workplace Exposure Standard (WES) has been set for a component in this substance.

	TWA	STEL
Wood dust (soft wood)	5 mg/m ³	10 mg/m ³
Copper(II)	1 mg/m ³	-
Chromium(III)	0.05 mg/m ³	-
Arsenic(V)	0.05 mg/m ³	-

ENGINEERING CONTROLS:

Use in well-ventilated area or outside.

Avoid sawing or sanding of timber that is wet (not dry) with the preservative treatment

Avoid generating and breathing dust. Where practical employ effective dust extraction.

PERSONAL PROTECTIVE EQUIPMENT:

Eyes	When machining or cutting treated timber wear goggles, full face shield, or safety glasses with side shields when using this product.
Hands and Skin	Wear protective clothing such as overalls and shirt with sleeves, also closed in footwear and impervious gloves.
Respiratory	Use in well-ventilated area or outside. If risk of dust inhalation exists, wear a class P1 or P2 respirator mask.
General	Wash hands before eating, drinking, smoking, using the toilet and at the end of the shift. Wash work clothing separately from other household clothing.

Section 9 Physical and Chemical Properties

Appearance	Dressed and rough-sawn timber and timber-based products. Light green colour which weathers to silvery grey with exposure to UV.
Odour	Not available
Odour Threshold	Not applicable
pH	Not applicable
Boiling Point	Not applicable
Melting Point	Not applicable
Freezing Point	Not available
Flash Point	Not applicable
Flammability	Combustible
Upper and Lower Exposure Limits	Not applicable
Vapour Pressure	Not applicable
Density at 20°C	0.4 – 0.6 g/cm ³
Solubility in water	Insoluble
Partition Coefficient:	Not applicable
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Particle Characteristics	Not available
% Volatiles	Not applicable
Evaporation Rate	Not applicable

Section 10 Stability and Reactivity

Chemical Stability:	Stable under normal storage and use conditions.
Conditions to Avoid:	Avoid contact with heat
Incompatibility:	Other combustible materials, Strong oxidising agents, acids, alkalis.
Hazardous Decomposition	Carbon dioxide, carbon monoxide, oxides of nitrogen. May produce toxic decomposition products in fumes and smoke in fire.
Products:	

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation/Respiratory	May cause asthma-like symptoms.
Eye	May cause eye irritation.
Skin	May cause skin irritation. May cause skin sensitization.

Chronic Effects:

Carcinogenicity	Wood dust may cause nasal/paranasal cancer through repeated exposure.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Wood dust may cause damage to skin and lungs through repeated exposure.
Aspiration	Not applicable.

Section 12 Ecotoxicological Information

This product is not known to be a hazard to the environment. Treated wood may contain ecotoxic compounds, which may leech out into waterways over time.

Persistence/Degradability:	No data available
Mobility in Soil:	No data available
Bioaccumulative potential:	No data available
Other Adverse effects:	No data available

Section 13 Disposal Considerations

Dispose of treated off cuts to authorised landfill. Consult Regional Council for disposal options.
DO NOT use off cuts for heating or cooking fires or for barbecues or spit roasts. Avoid contact with ash; contains toxic compounds. Dispose of ash safely to an approved landfill.

Section 14 Transport Information

This substance is not classified as a dangerous good for Land Transport in New Zealand according to NZS5433: 2012

Section 15 Regulatory Information

This substance is NOT hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

Section 16 Other Information

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.
Disclaimer

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