

SAFETY DATA SHEET

Section 1 Identification of the material and the supplier

Product: **CCA Treated Radiata Pine Timber and Roundwood Products**

Product Use: Building and construction – particularly for outdoor use where resistance to fungal and insect attack is required

New Zealand Supplier: TTT Products Ltd
Address: Bollard Road,
PO BOX 99
Tuakau 2342
New Zealand

Telephone: 09 236 8880
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Date of SDS Preparation: 7 October 2016

Section 2 Hazards Identification

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

CCA treated timber and wood products are not deemed to be hazardous in terms of the HSNO (Minimum Degrees of Hazard) Regulations 2001. Nevertheless care should be taken in the management and use of this product. When sawing, sanding or machining this product protective equipment such as goggles and face masks should be used to prevent wood dust entering the eyes (which may cause inflammation) and nasal passages (which may cause respiratory issues). Do not place food directly on to this product.

Section 3 Composition / Information on Ingredients

Ingredients	CAS NUMBER.	Weight %
Wood preservative residuals as:		
Copper	7440-50-8	< 1
Chromium	7440-47-3	< 1
Arsenic	7440-38-2	< 1
Pinus Radiata – Timber and roundwood	N/A	~ 97.0

Section 4 First Aid Measures

Routes of Exposure:

If in Eyes Hazard relates to dust released by sawing, cutting, sanding or trimming or other finishing operations. Carefully rinse eyes with running water. If irritation persists seek medical attention.

If on Skin Brush off dust. Wash affected skin with warm water and soap and rinse. If irritation persists seek medical attention.

If Swallowed If dust is ingested, rinse mouth and follow with a drink of water. Seek medical attention if feeling unwell.

If Inhaled If dust is inhaled and breathing becomes difficult move to an area of fresh air and rest in a position where normal breathing can be restored. Encourage patient to blow nose to ensure clear passage of breathing. If breathing difficulties persist seek first aid and medical attention.

Section 5	Fire Fighting Measures
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Hazard type	Combustible material
Hazards from decomposition products	CCA treated timber and roundwood products will burn if ignited. Avoid breathing smoke and fumes as these may be toxic. Wood dust is an explosion hazard.
Suitable extinguishing media	In case of fire water should be sprayed directly onto flames and surrounding area.
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
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SPILLS:

CCA treated timber and roundwood products will not spill or leak. Off cuts should be disposed of in a designated land fill. Off cuts should not be burned.

Section 7	Handling and Storage
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HANDLING:

- When timber and roundwood/wood products are wet wear impervious gloves and other protective clothing to avoid direct contact with skin and avoid splinters.
- Wash hands before smoking, eating, drinking or using the toilet.
- Keep products etc away from sparks, open flames, hot surfaces. No smoking in near vicinity of stored product.

STORAGE:

- Store on dunnage above ground in a well-ventilated place, away from naked flames and other sources of ignition.
- Ensure stacked timber and roundwood products are stable with no danger of toppling over or rolling
- Store away from incompatibilities listed in Section 10

Section 8	Exposure Controls / Personal Protection
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EXPOSURE LIMITS:

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

	TWA	STEL
Wood dust (soft wood)	2 mg/m ³	-
Copper	1 mg/m ³	-
Chromium	0.5 mg/m ³	-
Arsenic	0.05 mg/m ³	-

ENGINEERING CONTROLS:

Use in well-ventilated area or outside.

Avoid sawing or sanding of timber that is wet with the preservative treatment.

PERSONAL PROTECTIVE EQUIPMENT:



Eyes	Eye protection and face mask should be used when sawing, sanding, cutting, trimming or otherwise working this product. Other protection – eye wash unit
Hands and Skin	Impervious gloves recommended when handling wet product and to avoid splinters
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.
Section 9	Physical and Chemical Properties

Appearance	Solid wood products. Wood coloured light to deep green depending on the level of treatment used. Timber: rectangular section timber, sawn or planed surface, and includes round wood piles and poles.
Odour	Natural pine
Odour Threshold	Not available
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 available
Vapour Pressure	Not applicable
Density at 20°C	Not available
Solubility in water	Insoluble
Partition Coefficient:	Not applicable
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not applicable
Particle Characteristics	Not available
% Volatiles	Not applicable
Evaporation Rate	Not applicable

Section 10	Stability and Reactivity
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Chemical Stability	Stable under normal storage and use conditions
Conditions to Avoid	Avoid contact with excessive heat and fire
Incompatibility	Other combustible materials, strong oxidising agents, alkalis
Hazardous Decomposition Products	May produce toxic decomposition products in fumes and smoke in fire

Section 11	Toxicological Information
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Acute Effects:

Swallowed	Not applicable
Dermal	Not applicable
Inhalation/Respiratory	May cause respiratory irritation
Eye	Not applicable
Skin	May cause skin irritation

The level of CCA in treated timber is insufficient to be toxic to humans due to the diluted nature of the preservative retained in the wood and its low level of bioavailability through direct touch.

Chronic Effects:

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

Wood dust generated by sawing, sanding or otherwise working the wood may have carcinogenic effects. Use of eye protection and appropriate face mask is recommended when undertaking these activities.

Section 12 Ecotoxicological Information

This product is not known to be a hazard to the environment. Treated wood may contain ecotoxic compounds.

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

Section 13 Disposal Considerations

Off cuts and other waste of CCA treated timber and wood products should be disposed of in a designated land fill. They should not be burned. Consult Regional Council for disposal options.

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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Please contact the New Zealand proprietor, TTT Products Ltd, if further information is required.

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