

SAFETY DATA SHEET

Section 1 Identification of the material and the supplier

Product: **Protim Optimum Treated Radiata Pine**
Product Use: Timber components for use in structures in above-ground situations where insect and fungal decay resistance is required
Other Names: LOSP treated radiata pine
New Zealand Supplier: Koppers Performance Chemicals New Zealand
Address: 14 Mayo Road,
Wiri
Auckland, New Zealand
Telephone: (09) 277 7770
Fax Number: (09) 277 8011
Emergency Telephone: 0800 200 162
Date of SDS Preparation: 31 August 2017

Section 2 Hazards Identification

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

Section 3 Composition / Information on Ingredients

Name	CAS Number	Weight %
Pinus Radiata – Timber	N/A	> 97.5
Wood preservative residuals as:		
Tebuconazole	107534-96-3	< 0.1
Propiconazole	60207-90-1	< 0.1
Permethrin	52645-53-1	< 0.1

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: Brush off dust. Rinse skin with soap and water or 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 medical professional. Seek medical attention 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	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

GENERAL:

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

Dispose of treated off cuts to authorised landfill. Consult Regional Council for disposal options
 Clean spillage area with detergent and water. 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 in a dry, well-ventilated place, away from sources of heat or ignition
- Freshly treated timber must be stored for up to 14 days after treatment in a well ventilated area to allow evaporation of residual hydrocarbon solvent. Storing timber in block stack will slow solvent evaporation.
- Store away from incompatibilities listed in Section 10.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Wood dust (soft wood)		2		
Permethrin		10		

ENGINEERING CONTROLS:

Use mechanical dust extraction or in well-ventilated area or outside.
 Avoid sawing or sanding of timber that is wet (not dry) with the preservative treatment

PERSONAL PROTECTIVE EQUIPMENT:

Eyes	Wear goggles, full face shield, or safety glasses with side shields when cutting this product.
Hands and Skin	Wear protective clothing such as overalls and shirt with sleeves, also closed in footwear. Wear puncture-resistant gloves (e.g. leather) when handling dry wood, or rubber or nitrile gloves if the surfaces are wet with preservative.
Respiratory	Use in well-ventilated area or outside. Wear dust mask if wood dust is generated.
General	Wash hands before eating, drinking, smoking, using the toilet and at the end of the shift.

Section 9 Physical and Chemical Properties

Appearance	Machined or rough-sawn pine timber and timber-based products; with a green or natural wood colour, or may be painted
Odour	Slight solvent odour
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 Explosive Limits	Not applicable
Vapour Pressure	Not applicable
Density at 20⁰C	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 extreme heat.
Incompatibility:	Other combustible materials, Strong oxidising agents, acids, alkalis.
Hazardous	Carbon dioxide, carbon monoxide, oxides of nitrogen. May produce toxic
Decomposition:	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.

Note: Solvent vapour from freshly treated timber can cause irritation to nose, throat and lungs, resulting in breathing difficulty. Inhalation of solvent vapour can cause headaches, dizziness and possible nausea. The inhalation hazard is increased at higher temperatures and in poorly ventilated areas.

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.

Section 12 Ecotoxicological Information

This product is not known to be a hazard to the environment.

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

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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Please contact the New Zealand proprietor, Koppers Performance Chemicals New Zealand, if further information is required.

Issue Date: 31 August 2017 Review Date: 31 August 2022

Product Name: Protim Optimum Treated Radiata Pine Prepared by: Technical Compliance Consultants (NZ) Ltd
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