



# RADIAL TIMBER SEALER

## SAFETY DATA SHEET

Date	FEB 16
Issue	002

SDS 07

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND SUPPLIER

**Product Name:** RADIAL TIMBER SEALER  
PRESCHEM TIMBER SEALER

**Recommended use:** Oil-based exterior finish to seal timber against moisture.

**Supplier:** PRESICHEM Pty Ltd  
ABN 41 314 509 336  
147 – 149 Herald Street  
Cheltenham Victoria 3192  
Australia

**Telephone:** +61 3 9532 0679 or 1800 641 711

**Facsimile:** +61 3 9532 1041

**Emergency Phone:** +61 3 9574 2792 or +61 3 9574 8128 (Business hours)

### 2. HAZARDS IDENTIFICATION

This material is hazardous according to health criteria of NOHSC Australia

#### Hazard Pictograms



**DG Class:** None allocated  
**Subsidiary Risk:** None allocated  
**Packing Group:** None allocated

#### Hazard Statement(s):

H302: Harmful if swallowed.  
H315: Causes Skin Irritation.  
H227: Combustible liquid.

#### Precautionary Statement(s):

P102: Keep out of reach of children  
P260: Do not breathe vapour  
P301+P310+P331: IF SWALLOWED: Call a Doctor or Poison Information Centre on 13 11 26. Do not induce vomiting.



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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical identity	CAS Number	Proportion
Distillates (petroleum), hydrotreated light	64742-47-8	60 – 70 %
Alkyd Resin	68333-62-0	10 – 20 %
Alkoxy Silanes	34535-21-3	3 – 8 %
3-Iodo-2-Propynyl Butylcarbamate (IPBC)	55406-53-6	>1%
Ingredients determined not to be hazardous	Proprietary	to 100 %

All components in this product are listed on the Australian Inventory of Chemical Substances (AICS).

### 4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre on 13 11 26.

**Swallowed:** If conscious, dilute stomach contents by giving large amounts of water. Seek medical attention or transport person to hospital. Do not attempt to induce vomiting or give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

**Eye:** Flush eyes with plenty of water for a minimum of 15 minutes. Keep rotating the eyes to ensure complete flushing. Seek medical attention promptly if irritation persists or any loss of vision occurs.

**Skin:** Immediately remove contaminated clothing. Wash skin thoroughly with soap and water. Launder contaminated clothing before re-use. Seek medical advice if skin irritation occurs or persists.

**Inhaled:** Remove promptly to fresh air. If respiratory irritation, dizziness, nausea or unconsciousness occurs, seek immediate medical attention. Apply artificial respiration if breathing stops.

**Notes to doctor:** Symptomatic treatment. May cause central nervous system depression. Dermatitis may result from prolonged or repeated exposure. Potential for chemical pneumonitis. Consider gastric lavage with protected airway, administration of activated charcoal.

### 5. FIRE FIGHTING MEASURES

**Specific hazards:** Classified as a C1 Combustible Liquid. Sources of ignition should be kept clear. The vapour is heavier than air, and can spread along the ground and distant ignition is possible. Product will float and can be re-ignited on water.

**Extinguishing media:** Foam, water spray or fog. Dry chemical powder, carbon dioxide (CO<sub>2</sub>), sand or earth may be used for small fires only.

**Fire fighting procedures:** Use water to cool fire-exposed containers and any adjacent containers. Firefighters must wear self-contained breathing apparatus with full protective clothing. During a fire, irritating or highly toxic gases may be generated by thermal decomposition or combustion.

**Hazardous Decomposition Products:** Predominantly carbon monoxide, carbon dioxide and organic compounds.

**Hazchem Code:** None allocated



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### 6. ACCIDENTAL RELEASE MEASURES

Unprotected personnel should be kept away. Spill area is likely to become slippery underfoot – use care to avoid falling or slipping. Wear protective equipment (refer Section 8) to prevent skin and eye contamination and inhalation of vapours. Stop and contain large spills for salvage or absorb in inert absorbent material (e.g. sand, earth). Scoop spilled material into marked sealable containers for disposal or recovery by an approved method. Prevent run-off into drains and waterways. Wash the spill area with copious volumes of detergent to remove any trace amounts of product. The product will not mix with water. Ventilate area well and ensure adequate personal protection as above. Small spills can be absorbed with inert absorbent material and disposed in accordance with regulations.

### 7. HANDLING AND STORAGE

**Handling:** Avoid contact with eyes, skin and clothing. Keep containers tightly closed. Avoid ingestion and inhalation. Use only in a well-ventilated area. Wash clothing before reuse.

**Storage:** Store in tightly closed containers in cool, dry, isolated and well ventilated areas away from heat. Keep containers closed at all times – check regularly for leaks. Remove all ignition sources. Extinguish any naked flames. Do not eat, drink or smoke in areas of use or storage. Store with all precautions required for handling combustible liquids (AS 1940).

**Incompatibilities:** The product is incompatible with oxidising agents.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### National occupational exposure standards

Substance	TWA	STEL	Carcinogen Category	Notices
Aliphatic solvents*	1200 mg/m <sup>3</sup>	--	None allocated	None allocated
Mineral turpentine	480 mg/m <sup>3</sup>	--	None allocated	None allocated

\*Recommended by the supplier

As published by National Occupational Health and Safety Commission.

Exposure Standard (TWA) is the time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. According to current knowledge this concentration should neither impair the health or, not cause undue discomfort to, nearly all workers.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

**Engineering controls:** Facilities storing or using this material should be equipped with eyewash and deluge safety shower. Use adequate ventilation to keep airborne concentrations low. Keep containers closed when not in use.

#### Personal Protection

**Skin:** Avoid skin contact by the use of approved chemical resistant gloves and aprons – PVC or Neoprene (AS 2161).

**Eye:** Avoid eye contact by wearing safety glasses with side-shields or non-fogging goggles (AS/NZS 1336). Eyewash and deluge safety shower should be provided in all areas where product is handled.



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**Respiratory:** None should be needed under normal circumstances. In situations of high vapour concentrations, wear an approved organic vapour respirator (AS/NZS 1715 and 1716)

Protective clothing (gloves, coveralls, boots, etc.) should be worn to prevent skin contact. Direct skin contact should be avoided by wearing long sleeved shirts and long trousers. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	slight amber coloured clear liquid with kerosene like odor
<b>Boiling Point:</b>	> 190°C
<b>Melting Point:</b>	> -50°C
<b>Vapour pressure:</b>	not available
<b>VOC:</b>	725g/L
<b>Specific gravity:</b>	0.84 (20°C)
<b>Flash Point:</b>	> 64°C (Abel Closed Cup)
<b>pH:</b>	not available
<b>Flammability Limits:</b>	0.6 – 5.5 % (Vol.) (distillates (petroleum), hydrotreated light)
<b>Autoignition temperature:</b>	236°C (distillates (petroleum), hydrotreated light)
<b>Solubility in water:</b>	insoluble
<b>Vapour Density:</b>	not available
<b>Viscosity:</b>	18 mm <sup>2</sup> /s (cST) (20°C)

### 10. STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable under normal conditions of use.
<b>Hazardous polymerization:</b>	Will not occur.
<b>Incompatible materials:</b>	Strong oxidising agents.
<b>Conditions to avoid:</b>	Avoid ignition sources and contamination with moisture.
<b>Hazardous decomposition products:</b>	Predominantly carbon monoxide, carbon dioxide and organic compounds.

### 11. TOXICOLOGICAL INFORMATION

**Swallowed:** Unlikely under normal occupational exposures. Swallowing this product is likely to cause irritation to the gastrointestinal tract. Symptoms may include abdominal pain, nausea, vomiting, diarrhoea. Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

**Eye:** The liquid may cause temporary irritation. Stinging, watering and redness of the eyes may result.

**Skin:** May cause slight to moderate skin irritation. Prolonged or repeated skin contact may cause defatting of the skin which could lead to dermatitis.

**Inhaled:** Prolonged inhalation of the vapour or mist may cause drowsiness, dizziness, nausea and headache. Central nervous system depression may occur with slowing of reflexes, fatigue and incoordination.

**Chronic:** Repeated or prolonged skin contact may dryness and defatting, resulting in dermatitis.

**Acute toxicity:** No toxicity data is available for this material. The following toxicity data is applicable for the distillates (petroleum), hydrotreated light component present in this product:

Oral LD50 – rat: > 2000 mg/kg

Dermal LD50 – rat: > 2000 mg/kg

Inhalation LC50 – rat: > 4 g/m<sup>3</sup>/4 h



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### 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No ecotoxicity data is available for this material. The following ecotoxicity data is applicable for the distillates (petroleum), hydrotreated light component present in this product: Toxicity to fish: LC50 > 1000 mg/L

**Persistence and degradability:** Most components in this product are expected to be biodegradable.

**Mobility in soil:** Most components in this product are expected to adsorb to soil and have low mobility.

### 13. DISPOSAL CONSIDERATIONS

Suitable for disposal to approved landfill facility in accordance with local waste authority requirements. Recover or reuse if possible. Product is insoluble in water and should not be flushed to effluent treatment plants for treatment. Empty containers should be drained completely. Residues may cause an explosion hazard if heated above the flash point. Do not puncture, cut or weld uncleaned containers. Send to approved drum or metal recycler.

### 14. TRANSPORT INFORMATION

#### Road and Rail Transport (Australian Dangerous Goods Code):

**UN Number:** None allocated  
**Proper Shipping Name:** None allocated  
**Class:** None allocated  
**Hazchem Code:** None allocated  
**Packing Group:** None allocated

#### Marine Transport (International Maritime Dangerous Goods Code):

**UN Number:** None allocated  
**Proper Shipping Name:** None allocated  
**Class:** None allocated  
**Packing Group:** None allocated  
**Marine Pollutant:** No

#### Air Transport (International Air Transport Association Dangerous Goods Regulations):

**UN Number:** None allocated  
**Proper Shipping Name:** None allocated  
**Class:** None allocated  
**Packing Group:** None allocated

### 15. REGULATORY INFORMATION

**Classification:** Classified as a hazardous substance according to criteria of NOHSC.  
Not a Dangerous Good according to criteria of the Australian Dangerous Goods Code.

**Poisons Schedule:** Not Scheduled



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### 16. OTHER INFORMATION

#### Australian Standards References:

- AS/NZS 1336 Recommended Practices for Occupational Eye Protection.
- AS/NZS 1715 Selection, Use and Maintenance of Respiratory Protective Devices.
- AS/NZS 1716 Respiratory Protective Devices.
- AS 1940 The Storage and Handling of Flammable and Combustible Liquids.
- AS 2161 Industrial Safety Gloves and Mittens (excluding electrical and medical gloves).

#### Preschem Pty Ltd SDS Contact Point:

Production Manager (Rohan Baker)  
Telephone: 03 9532 0679  
Facsimile: 03 9532 1041

Issue Date: 26/02/2016/RB

Supersedes Issue Date: Mar 2013

This Safety Data Sheet has been prepared by Preschem Pty Ltd.

Reasons for Issue: Revision.

This Safety Data sheet is valid for 5 years from the date of issue and may be withdrawn and revised any time prior to that date. Please ensure that you are using the latest issue.

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Preschem Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.