

SAFETY DATA SHEET

Section 1 Identification of the material and the supplier

Product: Protim Reseal
Product Code:
Product Use: **Timber Preservative**
Restriction of Use: Refer to Section 15

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 243 622

Date of SDS Preparation: **15 January 2015 – version 4**

Section 2 Hazards Information

This substance is hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001.

EPA Approval No. HSR001481

Pictograms



Flammable Irritant Chronic Ecotoxic

Signal Word: Warning

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
3.1C	H226	Flammable liquid and vapour	Category 3
6.1D (oral)	H302	Harmful if swallowed.	Category 4
6.3B	H316	Causes mild skin irritation.	Category 3
6.4A	H319	Causes serious eye irritation	Category 2A
6.9B(single exposure)	H371	May cause damage to organs	Category 2
6.9B(repeated exposure)	H373	May cause damage to organs through prolonged or repeated exposure	Category 2
9.1A	H400	Very toxic to aquatic life	Category 1
9.2C	H423	Harmful to the soil environment	-
9.3C	H433	Harmful to terrestrial vertebrates	-

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P210	Keep away from heat/sparks/open flames/hot surfaces
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment..
P243	Take precautionary measures against static discharge
P260	Do not breathe mist, vapours or spray.
P264	Wash hands and face thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear eye protection in the form of goggles; PVC or rubber gloves; PVC boots and overalls when manufacturing or handling the concentrated product.

Response code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P391	Collect spillage.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P309 + P311	IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use foam, water fog, dry chemical powder and carbon dioxide may be used for small fires

Storage Code	Storage Statement
P405	Store locked up.
P403+P235	Keep cool

Disposal Code	Disposal Statement
P501	Prevent contamination of drains and waterways as aquatic life may be threatened and environmental damage may result. Dispose of in accordance with relevant local legislation. Dispose of residues and/or containers in an approved local authority landfill. Do not bury residues or containers and do not dispose of to waterways.

Section 3	Composition / Information on Ingredients
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Ingredients	Wt %	CAS No.
Copper Naphthenate	30 - 40%	1338-02-9
White spirits	60 - 70%	64742-82-1

Section 4	First Aid Measures
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Routes of Exposure:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

IF ON SKIN: After contact with skin, wash immediately with plenty of warm soapy water. Remove contaminated clothes and footwear. Seek medical assistance if large area involved or irritation occurs.

IF SWALLOWED: Do not induce vomiting. Avoid giving anything orally. Call a POISON CENTER or doctor/physician if you feel unwell.

INHALATION: Remove victim to fresh air. Remove any contaminated clothing. Lay patient down and keep warm and rested. If breathing is shallow or has stopped, ensure airway is clear and apply resuscitation. Seek immediate medical assistance.

IF EXPOSED: Call a POISON CENTER or doctor/physician.

FIRST AID FACILITIES: Ensure an eye wash and safety showers are available and ready for use.

Section 5 Fire Fighting Measures

Hazard Type	Flammable liquid.
Hazards from decomposition products	May emit toxic fumes of carbon monoxide/dioxide if material is involved in fire or subjected to extreme heat.
Suitable Extinguishing media	Alcohol foam, water fog, dry chemical or carbon dioxide
Precautions for fire-fighters and special protective clothing	Use water spray to cool surfaces exposed to fire and personnel threatened by fire. Wear breathing apparatus in confined spaces
HAZCHEM CODE	3Y

Section 6 Accidental Release Measures

Land Spill or Leaks

Wear appropriate personal protective clothing as detailed in Section 8. Contain spill and eliminate sources of ignition. Recover liquid and absorb small spills or residue with sand or proprietary hydrocarbon absorbent. Prevent from entering drains, waterways or sewers. Collect in sealed open top containers for disposal. Notify Police and local Health Protection Officer if there is any risk of contamination of watercourses. Do not allow unused material or contaminated waste to pollute the environment, especially water courses.

Section 7 Handling and Storage

Approved Handlers

This product is exempt from Approved Handlers and Tracking under EPA Approval No HSR001481

Precautions for safe handling:

- Read label before use.
- Keep away from heat/sparks/open flames/hot surfaces
- Keep container tightly closed
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/ventilating/lighting/equipment..
- Take precautionary measures against static discharge
- Do not breathe mist, vapours or spray.
- Wash hands and face thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Avoid release to the environment.
- Wear eye protection in the form of goggles; PVC or rubber gloves; PVC boots and overalls when manufacturing or handling the concentrated product.

Precautions for safe storage:

- Store locked up.
- Keep cool
- Keep out of reach of children
- Store away from incompatible materials as detailed in Section 10.

Section 8	Exposure Controls / Personal Protection
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Engineering Controls:

Use in a well-ventilated area. Volatile solvent vapours are heavier than air.
Local exhaust ventilation should be provided if material is handled in confined areas.

Personal Protective Equipment:

Eyes	Use safety goggles or face shield where risk of eye contamination from splashing is possible.
Hands and Skin	Wear rubber or PVC gloves, and additional protection such as impervious boots, apron or overalls as needed.
Respiratory	Wear approved organic vapour respirator if exposure standard may exceeded.

Section 9 Physical and Chemical Properties

Appearance	Dark green liquid
Odour	Characteristic odour
Odour Threshold	Not applicable
pH	Not applicable
Boiling Point	>140°C
Melting Point	Not applicable
Freezing Point	<0°C
Flash Point	35°C (closed cup)
Flammability	Flammable
Upper and Lower Exposure Limits	Not available
Vapour Pressure	0.8 kPa
Relative Vapour Density (air=1):	>1
Specific Gravity	0.83 g/mL
Solubility in water	Immiscible in water
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Volatiles	90%
Evaporation Rate	as for mineral turpentine

Section 10 Stability and Reactivity

Chemical Stability:	Stable
Conditions to Avoid:	Avoid heat and any source of ignition.
Incompatibility:	Avoid contact with strong oxidising agents.
Hazardous	May emit toxic fumes of carbon monoxide/dioxide if material is involved in fire or
Decomposition:	subjected to extreme heat
Products	

Section 11 Toxicological Information

Copper Naphthenate	Acute Oral Toxicity	LD ₅₀ Rat (oral) >2000 mg/kg
White Spirits	Acute Oral Toxicity	LD ₅₀ Rat (oral) >2000 mg/kg

Acute Effects:

Swallowed	Harmful if swallowed.
Dermal	Not applicable.
Inhalation/Respiratory	Not applicable.
Eye	Causes serious eye irritation.
Skin	Causes mild skin irritation.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Systematic	Not applicable.
STOT/SE	Cause damage to organs.
STOT/RE	Cause damage to organs through prolonged or repeated exposure.

Section 12 Ecotoxicological Information

Environmental Precautions 9.1A = Very toxic to aquatic life with long lasting effects.
 9.2C = Harmful to the soil environment.
 9.3C = Harmful to terrestrial vertebrates.

Do not contaminate streams, rivers or waterways with chemical or used containers.
 Not toxic to bees

Environmental Fate

Soil No evidence available of bioaccumulation. Breaks down to inorganic copper compounds.
 Water No evidence available of persistence in water or sediment

Environmental Exposure Limits EEL_{water} Not set

9.1A Aquatic ecotoxicity			
	Fish LC ₅₀	Crustacea EC ₅₀ (mg/L)	Algae/plant EC ₅₀ (mg/L)
Copper Naphthenate	Aquatic EC ₅₀ estimated < 1 mg / L	Not available	Not available

Persistence/Degradeability: No data available
Other Adverse effects: No data available

Section 13 Disposal Considerations

Prevent contamination of drains and waterways as aquatic life may be threatened and environmental damage may result. Dispose of in accordance with relevant local legislation. Dispose of residues and/or containers in an approved local authority landfill. Do not bury residues or containers and do not dispose of to waterways.

Section 14 Transport Information

This substance is classified as a dangerous good for Land Transport in New Zealand according to NZS5433: 2012

Road and Rail Transport

UN No 1306
 Class-primary 3.1
 Packing Group III
 Proper Shipping Name: Wood Preservative Liquid

Marine Transport

UN No 1306
 IMDG Code 3084 Class 3.3
 Class-primary 3.1
 Packing Group III
 Proper Shipping Name: Wood Preservative Liquid

Air Transport

UN No 1306
Class-primary 3.1
Packing Group III
Proper Shipping Name: Wood Preservative Liquid

Section 15 Regulatory Information

EPA approval No. HSR001481

HSNO CONTROLS

Approved Handler
Location Certificate
Tracking Trigger Quantities
Signage Trigger Quantities
Emergency Response Plan trigger Quantities
Secondary Containment
Restrictions of Use (77A)

Trigger Quantity

Not required as per controls
500 L (>5 L), 1500 L (<5 L), 250 L (open).

Not required as per controls

100L (9.1A)

100L (9.1A)

100L (9.1A)

No person may use this substance described as a pesticide or a veterinary medicine.

However, this substance may be used in the formulation of a pesticide or a veterinary medicine.

For the purpose of this control

- (a) **pesticide** includes, but is not limited to, a product intended for use as an acaricide, antifouling paint, avicide, fumigant, fungicide, insecticide, herbicide, miticide, molluscicide, piscicide, timber treatment preservative or vertebrate toxic agent
- (b) **veterinary medicine** has the same meaning given to it in the Agricultural Compounds and Veterinary Medicines Act 1997.

Section 16 **Other Information**

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

Disclaimer

This document has been compiled by TCC (NZ) on behalf of the manufacturer of the product and serves as the manufacturer's Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact the New Zealand proprietor, Koppers Performance Chemicals New Zealand, phone 64 9 277 7770, www.kopperspc.co.nz if further information is required.

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