

Section 1 – Identification of Chemical Product and Company

Description	Size	Colour
Protector – Oil Borne	1L, 4L, 10L, 20L	Clear

Chemical characterisation Mixture of binding agents made from plant oils, tree resins, waxes, earthen/oxide pigments and de-aromatised hydrocarbons.

Recommended use Protecting exterior timberwork, cladding and decks.

Supplier details

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Manufacturer details

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NZ Poison Centre number 0800 764 766 (24 hours).
Refer: World Health Organisation's (WHO) Directory of Poison Centres.

Section 2 – Hazard Identification

Hazard classification	Classification	Statements
	6.1E	Substance that may be harmful if swallowed and enters airways
	6.3B	Substance that may cause mild skin irritation

Hazard statement codes	Code	Statements
	H304	May be harmful if swallowed and enters airways
	H316	Causes mild skin irritation

Precautionary statement codes – prevention	Code	Statements
	P101	If medical advice is needed, have product container or label at hand
	P102	Keep out of the reach of children. P103 Read label before use
	P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking
	P280	Wear protective gloves/protective clothing/eye protection/face protection

Precautionary statement codes – response	Code	Statements
	P314	Get medical advice/attention if you feel unwell
	P332 + P313	If skin irritation occurs: Get medical advice/attention
	P370+P378	In case of fire: Use foam, carbon dioxide or dry chemical

Protector – Oil Borne

EC Safety Data Sheet (EEC-Regulation 91/155/EEC)

Precautionary statement codes – storage	Code	Hazard statements
	P403+P235	Store in a well-ventilated place. Keep cool

Precautionary statement	Code	Hazard statements
	P501	Disposal of this substance must be in accordance with the Hazardous Substances (Disposal) Regulations 2001 with reference to all local council regulations. This may also include any method of disposal that must be avoided

Section 3 – Composition/Information on Ingredients

Ingredients	CAS No.	TLV (TWA) mg/m ³	% by Wt. (approx)
Alkanes	90622-58-5	1200	45-55
Zirconium Drier	94581-21-2	100	0.1-1
Zinc Drier	84418-50-8	100	0.1-1
Manganese Drier	37449-19-7	100	0.1-1

Section 4 – First Aid Measures

NZ Poisons Centre	0800 POISON (0800 764 766)
NZ Emergency Services	111

Inhalation Move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped.

Skin contact If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Eye contact Hold eyelids and flush the eye continuously with running water. Continue flushing for at least 15minutes. Get medical assistance if irritation persists.

Ingestion If swallowed, do not induce vomiting. Give a glass of water if person is conscious. Begin artificial respiration if the victim is not breathing. Use mouth to nose rather than mouth to mouth. Obtain medical attention.

Health hazard information Treat according to symptoms. Gastric lavage may be indicated if ingested. Do not wait for symptoms to develop. Measures should be taken to control acidosis and maintain urine output.

Section 5 – Fire-Fighting Measures

Extinguishing media Dry Chemical, Alcohol Foam.

Special fire fighting procedures Use water to keep fire exposed containers cool. Do not use a heavy water stream in order to avoid the fire to extending. If a leak or spill has not ignited, use water spray to disperse the vapours and to protect personnel attempting to stop leak. Prevent extinguishing media from escaping to drains and waterways.

Unusual fire and explosion hazards Vapour density heavier than air. This product is combustible.

Section 6 – Accidental Release Measures

Spill and leak procedure Eliminate every possible source of ignition. Avoid breathing vapour and contact with skin, eyes and clothing. Wear recommended personal protective equipment. Shut off leaks if without risks.

IF MATERIAL IS RELEASED OR SPILLED: Absorb on fire retardant treated sawdust, diatomaceous earth, etc. Prevent entry of product into public water, sewers, or soil.

Shovel up and dispose of at appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

Section 7 – Handling And Storage Including Safe Use of Product

Handling Avoid prolonged repeated skin contact. Avoid contact with eyes. Wear safety glasses. Avoid inhalation of vapours or mists. Keep container closed.

Storage Store in a cool area. Do not pressurise, cut, heat or weld containers. This product is combustible and will fuel a fire in progress.

Section 8 – Exposure Controls/Personal Protection

Recommended Personal Protective Equipment to be worn during use of product:

Protective Overalls
Safety Glasses
Dust & Vapour Respirator
Boots
Synthetic Apron
Splash Goggles
Gloves

Section 9 – Physical and Chemical Properties

Appearance and odour Low viscosity liquid in various colours, no solvent odour.

Property	Details
Density	0.800
Boiling range	°C 195 - 203
Viscosity	N/A
Flash point	°63
Evaporation rate	(BuAc=100) NE
Vapour pressure, mm Hg at 20°	0.069
Vapour density (Air=1)	>1.0a
% Volatile matter, VOC's (by weight)	65g/Litre
Solubility in water	negligible

Section 10 – Stability and Reactivity

Reactivity data Stable at room temperature and pressure. Avoid sources of heat and ignition, open flames.

Hazardous decomposition By products carbon dioxide and carbon monoxide.

Hazardous polymerisation Will not occur.

Section 11 – Toxicological Information**Acute effects of overexposure**

INGESTION: Small amounts of liquid aspirated into the lungs during ingestion, or from vomiting, may cause chemical pneumonitis, or pulmonary oedema. Ingesting large amounts of this product will result in headaches, nausea, dizziness and tracheal burning.

SKIN CONTACT: This product is mildly irritating to the skin with prolonged exposure. It may result in dryness and cracking of the skin.

INHALATION: Vapour concentrations above recommended exposure levels are irritating to the nose and throat. The inhalation of this product in large quantities will yield moderate discomfort. Over exposure may be evident through symptoms of dizziness, nausea, headaches and other central nervous system effects.

EYE CONTACT: This product may be mildly irritating to the eyes, but will not permanently damage the eye tissue.

MUTAGENIC EFFECTS: None

REPRODUCTIVE EFFECTS: None

CHRONIC EFFECTS: No chronic health data is available for this product.

Section 12 – Ecological Information

Ecological properties Not identified as being harmful to aquatic life.

Section 13 – Disposal Considerations

This product can degrade rapidly in air. Expected to be removed in wastewater treatment. Based upon data for similar components or estimated data, this product is expected to be biodegradable according to OECD guidelines.

Section 14 – Transport Information

Land Transport ADR/RID	UN Number	Not regulated, Non DG
	Technical name	Natural Wood Oil
Marine Transport IMDG/GGV	UN Number	Not regulated, Non DG
	Technical name	Natural Wood Oil
Air Transport IMDG/GGV	UN Number	Not regulated, Non DG
	Technical name	Natural Wood Oil

Section 15 – Regulatory Information

This product is not classified as dangerous goods.

Section 16 – Other Information**If printed this SDS Sheet is uncontrolled**

Abodo Wood Ltd urges each customer or recipient of this SDS to study it carefully to become aware of the hazards associated with the product.

The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology, and fire prevention, as necessary or appropriate to use and understand the data contained in this SDS.

To promote safe handling, each customer or recipient should:

1. notify its employees, agents, contractors and others whom it knows or believes will use this material or the information in this SDS and any other information regarding hazards of safety;
2. furnish this same information to each of its customers for the product; and
3. request its customers to notify their employees, customers, and other users of the product of this information.

NOTE: The information and recommendations contained in this data sheet have been compiled from sources believed to be reliable and represent the best current opinion on the subject. No warranty, guarantee or representation is made by the company as to the absolute correctness or sufficiency of any representation contained in this data sheet and the company assumes no responsibility in connection therewith. Nor can it be assumed that all acceptable safety measures are contained in this data sheet or that other additional measures may not be required under particular or exceptional circumstances or conditions.