



DURALEX

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SAFETY DATA SHEET INFORMATION

For further information: Please refer to the Safety Data Sheet following

Issue: January 15

PRODUCT: DECKING OIL

Other Names: Decking Paint

Uses: Protective coating

UN No.:	1263
Dangerous Goods Class:	3
Subsidiary Risk:	None
Packing Group:	III
Hazchem Code:	3Y
Poisons Schedule:	5

Hazardous Nature:	This product is classified as hazardous under the SafeWork Australia criteria.
Exposure Standards:	TWA: 480mg/m ³ ; STEL: None specified; Peak Limitation (if any): None; Skin Sensitiser (if any): none. Refer to Section 8 for further information and definitions.

Physical Characteristics (Typical) Section 9 of the SDS

Appearance	Clear, yellowish mobile liquid
Boiling Point/Range (°C):	Not available
Flash Point (°C):	23-65°C
Specific Gravity/Density (g/ml @ 15°C):	0.9
pH:	Not determined
Chemical Stability:	Stable at room temperature and pressure
Reactivity:	Strong oxidising agents, excessive heat, strong acids and bases

Product Ingredients Section 3 of the SDS

Ingredient	CAS Number	Proportion
Mineral Turps	64742-95-6	40-50%
Linseed Oil	8001-26-1	<40%
Alkyd resin dispersion	various	10-20%
Additives	various	<5%

For further ingredients information, please refer to the full SDS

Risk Phrases Section 2 of the SDS

R 10: Flammable
R 36/37: Irritating to eyes and respiratory system
R 43: May cause sensitisation by skin contact
R51/53: Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

DEFINITIONS

Dangerous Goods	Products that are regulated for transport under the UN International guidelines are classified as Dangerous Goods. Products can be classified by their physical characteristics and may have only one Dangerous Goods designation, although may have a subsidiary risk. These products may be Dangerous Goods for transport by Air and Sea, but may not be classed as Dangerous Goods by Road and Rail in Australia. Refer to the Australian Code for Transport of Dangerous Goods by Road and Rail (ADG) for more information.
Hazardous Substances	Hazardous Substances are those products that are intrinsically hazardous by virtue of their chemical nature, rather than as a condition of their misuse. These hazards include mutagens, teratogens, carcinogens, and products that are harmful or irritant in nature. These products may or may not carry a Dangerous Goods classification.
Poisons	Poisons are products that are regulated by the dose or exposure, often having physical and chemical effects at certain concentrations particular to the nature

SUMMARY INFORMATION ONLY



of the product. The associated warnings, cautions and First Aid instruction are prescriptive under the regulation in Australia.

1. IDENTIFICATION

Product Name: DECKING OIL
Other Names: Decking Paint
Chemical Family: Solvent based alkyd coating
Molecular Formula: Not available
Recommended Use: Protective coating
Supplier: Duralex Paints Pty Ltd.
ABN: 17 000 392 227
Address: 3-5 Muriel Avenue, Rydalmere NSW 2116
Telephone: +61 2 9638 0568
Fax: +61 2 9684 1864
Emergency Phone: +61 2 9638 0568
All other inquiries: +61 2 9638 0568

2. HAZARDS IDENTIFICATION

Hazard Classification

This product is classified as hazardous under the SafeWork Australia criteria.

Hazard Category

N: Dangerous to the Environment; Xn: Harmful; Xi: Irritant

Risk Phrases

R 10: Flammable

R 36/37: Irritating to eyes and respiratory system

R 43: May cause sensitisation by skin contact

R51/53: Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

R 65: Harmful: May cause lung damage if swallowed

Safety Phrases

S 2: Keep out of the reach of children

S 23: Do not breathe vapour/mist/spray

S 24/25: Avoid contact with skin and eyes

S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S 45: In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible)

S 46: If swallowed, seek medical advice immediately and show this container or label

S 61: Avoid release to the environment. Refer to special instructions/safety data sheets

Dangerous Goods Classification 3

Poisons Schedule 5



3. COMPOSITION: Information on Ingredients

Chemical Ingredient	CAS Number	Proportion (% v/w)
Mineral Turps	64742-95-6	40-50%
Linseed Oil	8001-26-1	<40%
Alkyd resin dispersion	various	10-20%
Additives	various	<5%

4. FIRST AID MEASURES

For advice, contact Poisons Information Centre (Phone Australia: 13 1126) or a doctor.

Ingestion

If swallowed, DO NOT induce vomiting. Keep at rest. Seek immediate medical attention.

Eye Contact

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

Skin Contact

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

Inhalation

Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Seek immediate medical attention.

First Aid Facilities

Provide eye baths and safety showers.

Medical Attention

Treat according to symptoms.

5. FIRE FIGHTING MEASURES

Shut off product that may 'fuel' a fire if safe to do so. Allow trained personnel to attend a fire in progress providing fire fighters with this Material Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

Suitable Extinguishing Media

Water spray, fine mist, dry chemical or foam. Do not use water jets.

Hazards from combustion products

This product is combustible and likely to fuel a fire in progress.

Precautions for fire fighters and special protective equipment

Full protective clothing and self-contained breathing apparatus

Hazchem Code

3Y

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures



Prevent product from escaping to drains and waterways. Contain leaking packaging in a containment drum. Prevent vapours or dusts from building up in confined areas. Ensure that drain valves are closed at all times. Clean up and report spills immediately.

Methods and materials for containment

Major Land Spill

- Eliminate sources of ignition.
- Warn occupants of downwind areas of possible fire and explosion hazard, where present.
- Prevent product from entering sewers, watercourses, or low-lying areas.
- Keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.
- Take measures to minimise the effect on the ground water.
- Contain the spilled product using the resources in the spill kit.
- Recover by pumping – use explosion proof pump or hand pump – or with a suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See “First Aid Measures” and “Stability and Reactivity”

Major Water Spill

- Eliminate any sources of ignition.
- Warn occupants and shipping in downwind areas of possible fire and explosion hazard, where present.
- Notify the port or relevant authority and keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Confine the spill if possible.
- Remove the product from the surface by skimming or with suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See “First Aid Measures” and “Stability and Reactivity”.

7. HANDLING AND STORAGE

Precautions for Safe Handling

This product will fuel a fire in progress and create toxic vapours on burning. This product will defat skin with prolonged contact. Wear appropriate PPE: chemical resistant gloves and coveralls. Employ standard industrial hygiene practices when handling this product.

Conditions for Safe Storage

Store in a cool, dry place away from direct sunlight. Protect containers from physical damage and check regularly for leaks. Avoid release to the environment, store in bunded areas and ensure exit drains are closed.

Incompatible Materials

Natural rubbers, light-weight plastics

8. EXPOSURE CONTROLS: PERSONAL PROTECTION

National Exposure Standards

The time weighted average concentration (TWA) for this product is: 480mg/m³, which means the highest allowable exposure concentration in an eight-hour day for a five-day working week. The short term exposure limit (STEL) is: None specified, which is the maximum allowable exposure concentration at any time. Replacing a TWA or STEL value for some products is a Peak Limitation value (Peak): None applies in this case. In addition to the exposure concentrations may be a subsidiary caution in such cases where the product is a skin sensitiser, represented as (Sen), where none applies in this case.

Biological Limit Values (BLV)

None specified

Engineering Controls: Ventilation

The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion proof equipment.



Personal Protective Equipment

Respiratory Protection: Where concentrations in air may approach or exceed the limits described in the National Exposure Standards, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type 'A' filter material is considered suitable for this product.

Eye Protection: Always use safety glasses or a face shield when handling this product.

Skin/Body Protection: Always wear long sleeves, long trousers, or coveralls, and enclosed footwear or safety boots when handling this product. It is recommended that chemical resistant gloves be worn when handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit of measurement	Typical Value
Appearance	None	Clear, yellowish mobile liquid
Boiling Point/Range	°C	Not available
Flash Point	°C	23-65°C
SG/Density (@ 15°C)	g/ml; kgm ³	1.2-1.4
Vapour Pressure @ 20°C	kPa	Not determined
Vapour Density @ 20°C	g/ml; kgm ³	Not determined
Autoignition Temperature	°C	Not determined
Explosive Limits in Air	% vol/vol	Not determined - Not determined
Viscosity @ 20°C	cPs, mPas	Not determined
Percent volatiles	% vol/vol	>50%
Acidity/alkalinity as pH	None	Not determined
Solubility in Water	g/l	Insoluble
Other solvents	-	Organic solvents

The values listed are indicative of this product's physical and chemical properties. For a full product specification, please consult the Technical Data Sheet.

10. STABILITY AND REACTIVITY

Chemical stability

Stable at room temperature and pressure

Conditions to avoid

Strong oxidising agents, excessive heat, strong acids and bases

Hazardous decomposition products

Carbon dioxide, carbon monoxide on decomposition or incomplete oxidation

Hazardous reactions

Strong oxidising agents, excessive heat, strong acids and bases

Hazardous polymerisation

Will not occur

11. TOXICOLOGICAL INFORMATION

Acute Effects

Ingestion

This material will cause irritation to the throat and tube to the stomach and may cause nausea. Absorption through tissue exposure can result in secondary poisoning.



Eye Contact

Eye contact with this product will cause redness and swelling with a burning sensation and blurred vision. There is a potential for corneal damage and sensitisation to the product through absorption through eye tissue.

Skin Contact

Contact with this product will result in sensitisation. Avoid contact with skin and observe first aid measures. Contact is likely to result in drying, itching, redness, and swelling.

Inhalation

Vapours at elevated temperatures will cause dizziness and drowsiness. Vapours at room temperature should be controlled through adequate (do not use in confined spaces) or mechanical ventilation.

Chronic Effects

Repeated or prolonged contact with this product will result in sensitisation if PPE precautions are not observed.

Other Health Effects Information

Persons with pre-existing skin or respiratory conditions will be sensitive to this product.

Toxicological Information

Oral LD₅₀: No data; consider > 5 g/kg

Dermal LD₅₀: No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Toxicity:

Fish Toxicity LC₅₀: No data available

Daphnia Magna EC₅₀: No data available

Blue-green algae: No data available

Green algae: No data available

Persistence/Biodegradability: Elements of this product are expected to persist.

Mobility: This product is mobile on dilution, risking contamination of grasslands and waterways.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain product residue that may be harmful. Ensure that empty packaging is managed in accordance with Dangerous Goods regulations.

Special Precautions

This product is not suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product should be treated and disposed through chemical waste treatment, or considered for use in recycling.

14. TRANSPORT INFORMATION

Road and Rail Transport		Marine Transport		Air Transport	
UN No.	1263	UN No.	1263	UN No.	1263
Proper Shipping Name	Paint and related materials	Proper Shipping Name	Paint and related materials	Proper Shipping Name	Paint and related materials
DG Class	3	DG Class	3	DG Class	3
Sub. Risk	None	Sub. Risk	None	Sub. Risk	None
Packing Group	III	Packing Group	III	Packing Group	III
Hazchem	3[Y]	Hazchem	3[Y]	Hazchem	3[Y]

Dangerous Goods Segregation

This product is regulated as Class 3 Dangerous Goods, packing group III.

15. REGULATORY INFORMATION

Country/Region: Australia

Inventory: AICS

Status: Listed

Poisons Schedule: 5

16. OTHER INFORMATION

Reasons for Issue: New product; amalgamated supplier and regulatory updates in all sections

Abbreviations:

AICS: Australian Inventory of Chemical Substances

CAS Number: Chemical Abstracts Number

IARC: International Agency for Research on Cancer

ASCC: Australian Safety and Compensation Council (2007)

PPE: Personal Protective Equipment

N/R: Non-regulated

N/A: Not applicable

References:

- Supplier Material Safety Data Sheets
- <http://hsis.ascc.gov.au/SearchHS.aspx> (January 15)
- Animal toxicology data: <http://chem.sis.nlm.nih.gov/chemidplus> (January 15)
- Ecotoxicology data: http://cfpub.epa.gov/ecotox/quick_query.htm (January 15)
- *Sax's Dangerous Properties of Industrial Materials*, Richard J Lewis Snr., pub. Canada (2005)

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Durablex Paints Pty Ltd.
