

Material Safety Data Sheet

Product Name: **Slate Sealer**
Product Code:

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Hazardous According to Criteria of Worksafe Australia

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Identification

Product Name:	Slate Sealer	UN No:	1866
Trade Name:		Dangerous Goods Class:	3.2
Other Name:		Subsidiary Class:	N/A
Product Codes:		Packaging Group:	
		Hazchem Code:	3(Y)
		Poisons Schedule:	5

Correct Shipping Name:

Use: Concrete and masonry coating.

Physical Description/Properties:

Appearance:	Clear Colourless viscous liquid.
Boiling Point: (Deg.C)	138 - 175°C
Vapour Pressure (mm of Hg at 38Deg.C)	Immiscible
Percent Volatiles:	50%
Specific Gravity (at 25Deg. C)	1.01
Solubility in water(g/l at 25Deg. C)	Immiscible

Flammability and Explosive properties:-

Flash Point: Closed cup (Deg.C)	32°C
Flammability Limits % by volume	0.9 – 7.0
Fire extinguishing media	Foam, dry chemical, carbon dioxide, Halon 1211 (BCF)

Hazardous Ingredients:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion</u>
Liquid hydrocarbons	64742-95-6	medium (10-60%)
Xylene	1330-20-7	medium (10-60%)
Acrylate/methacrylate copolymer		50% _{m/m}

Health Hazard Information

Health Effects

- Acute:** Acute Oral LD50 xylene in rats, 4300 Mg/Kg. Anesthetic. Irritation of eyes and respiratory tract. Depression of the central nervous system with the following progressive steps: Headache, Dizziness, Stagger Gait, Confusion, Unconsciousness.
- Chronic:** May cause respiratory sensitization, liver or kidney damage. May cause skin sensitization. Permanent central nervous system and blood changes can occur.

Respiratory allergies and chronic diseases of the skin, nose throat, lungs, liver, kidney and blood may be aggravated by exposure to the product or its vapours.

First Aid

If poisoning occurs contact a doctor or poisons information centre.

- Swallowed:** **DO NOT INDUCE VOMITING.** Immediately give plenty of water or milk and seek medical attention.
- Eyes:** Immediately hold eyes open and flush with water continuously for a least fifteen minutes. Seek medical attention.
- Skin:** Remove all contaminated clothing and wash affected area with plenty of soap and water.
- Inhalation:** Remove for further exposure and apply artificial respiration if not breathing. Seek medical attention.

Advice to Doctor: Treat symptomatically.

Precautions for use

Exposure Limits: TLV, 8 hour Time Weighted Average.

Liquid aromatic hydrocarbons	100ppm (recommended)
Xylene	100ppm

Ventilation: Use in a well ventilated area. A suitable respiratory device should be worn if the vapour concentration cannot be minimized – positive ventilation. Local exhaust ventilation is recommended for spraying operations. Vapour is heavier than air and can collect in hollows and confined spaces.

Personal Protection: Contact should be avoided. Protective clothing, PVC or rubber gloves and close fitting goggles or face shields should be worn. Respirators suitable for use with organic vapours.

Safe Handling Information

Storage and Transport:

Dangerous Goods Class 3.2, Flammable Liquid

Store away from heat, alkalis, foodstuffs and empty foodstuff receptacles and oxidising agents (such as chlorates, nitrates.)

Remove drum bungs slowly to release any internal pressure.

Storage should be as for a flammable liquid (refer Australian Standard AS1940 and appropriate dangerous goods regulation)

Transport should be in accordance with the Australian Code for the transport of Dangerous Goods by Road and Rail.