

Version 1.7

Orica Woodcare

ABN 99 004 117 828

1330 Ferntree Gully Rd, SCORESBY VIC 3179

MATERIAL SAFETY DATA SHEET**Toby Rapid Seal****Statement of Hazardous Nature**

This substance is hazardous according to the criteria of WorkSafe Australia

IDENTIFICATION

Use: Sealer for timber surfaces.	UN Number: 1263
	Class: 3
Correct Shipping Name: PAINT RELATED MATERIAL	Subsidiary Risk: -
	Hazchem: 3[Y]E
	Packing Group II
Appropriate EPG 3 A 1	Schedule: 6

DESCRIPTION/PROPERTIES:

Appearance: Clear liquid	Odour: Aromatic / alcohol
Percent Volatiles: n.d.	Specific Gravity: 0.85
Boiling Point: 79 °C (Ethanol)	Melting Point: Not applicable
Flash Point: 4 °C (Toluene)	Flammability Limits: 1.3% (Toluene) to 19.0% (Ethanol)
Vapour Pressure: 44 mm Hg (Ethanol)	Solubility in water : Practically insoluble

Other Properties Incompatible with Class 5 dangerous goods. May attack some forms of rubber, plastics and coatings.

INGREDIENTS:	Proportion	CAS No
Toluene	30 - 60 %	108-88-3
Xylene	30 - 30 %	1330-20-7
Methylated spirits	10 - 30 %	64-17-5
Butanol	10 - 30 %	71-36-3
Ingredients determined to be non-hazardous or below cut-off concentrations	to 100 %	n.a.

Abbreviations: n.a = not applicable, n.d = not determined, n.all. = not allocated

HEALTH HAZARD INFORMATION**HEALTH EFFECTS****SWALLOWED**

Moderately toxic. Irritating to throat, gastrointestinal tract and stomach.

EYE

Solvent vapours or liquid can cause irritation to eyes. Must be promptly removed to avoid more serious effects.

SKIN

Can be slightly absorbed through skin, causing same symptoms as inhalation or swallowing.

INHALED

Irritating to nose and throat. Exposure to high vapour concentrations may cause depression of central nervous system characterized by: headaches, dizziness, nausea. Large doses may cause unconsciousness. Deliberately inhaling concentrated vapours may lead to coma or death.

**FIRST AID
SWALLOWED**

Note: If ANY adverse reaction occurs transport IMMEDIATELY to hospital or doctor.

Rinse mouth out with water and give two glasses of water to drink. If patient involuntarily vomits encourage to lean forward to avoid aspiration. If symptoms persist or if patient is known to have swallowed a large amount seek prompt medical assistance.

EYE

Immediately: Hold eyelids open and flush eye for 15 minutes with water. Ensure inside of eyelid is flushed. Gently lift upper and lower eyelid to flush. If symptoms persist seek prompt medical attention.

SKIN

Remove contaminated clothing and footwear (while under safety shower if appropriate). Flush affected area with water for 3-5 minutes followed by washing gently with soap and water for a further 5 minutes. Rinse well and pat dry. If symptoms persist seek prompt medical attention.

INHALED

Remove patient (while wearing SCBA if concentrations are high) to fresh air. Allow to rest. Rinse mouth and nose with water. Provide artificial respiration if breathing stops. Seek prompt medical attention unless recovery is virtually immediate.

CHRONIC

Prolonged inhalation exposure may have an adverse effect on the central nervous system, blood, kidney and liver. Prolonged or repeated skin exposure may lead to dermatitis. In some susceptible individuals skin exposure may lead to sensitisation with subsequent asthma-like symptoms on further exposures. Prolonged exposure to high concentrations of toluene vapour may lead to heart sensitisation. Deliberate concentration and inhalation of vapours may lead to coma or death.

FIRST AID FACILITIES

Provide normal industrial first aid facilities including eye-wash stations and safety showers as appropriate.

ADVICE TO DOCTOR:

Provide supportive care and treatment based on the patient's reactions to the exposure. For further information contact the :

POISONS INFORMATION CENTRE 13 11 26 in all States

PRECAUTIONS FOR USE**EXPOSURE STANDARDS**

(WorkSafe Australia Exposure Standards May 1995)

WorkSafe Australia has not established an exposure standard for this product. The standard for the hazardous ingredients has been set :

<i>Substance</i>	<i>TWA</i>	<i>STEL</i>
Toluene	100 ppm	150 ppm
Xylene	80 ppm	150 ppm
Butanol (skin)	50 ppm	Peak limitation
Methylated spirits	1000 ppm	n.all.

ENGINEERING CONTROLS

Use in well ventilated areas and ensure ventilation is adequate to maintain air concentrations below TWA. Use local exhaust ventilation (flameproof) in enclosed areas. If used in the home ensure good ventilation, keep all windows in the room open. Do not smoke while using the product.

PERSONAL PROTECTION**Respiratory Protection**

Not usually required. If exposure standards may be exceeded use respirator fitted with an organic vapour filter to AS 1715 & 1716. Use SCBA in confined spaces or when STEL may be exceeded.

Eye Protection

Use safety glasses with side shields or goggles to AS 1337

Gloves

When decanting and applying wear rubber, nitrile or butyl rubber gloves to AS 1337.

Clothing

Wear Tyvec or cotton overalls fastened at the neck and wrist.

Industrial Hygiene

Follow normal industrial / chemical hygiene practices.

FLAMMABILITY:

Product is highly flammable (Flash Point 4° C). Vapours are heavier than air and may pool in low-lying areas or travel considerable distance to a source of ignition and flash back to the point of origin. Vapours may form an explosive mixture with air, especially in confined spaces. Containers may rupture violently if subjected to excessive heat.

SAFE HANDLING INFORMATION**STORAGE AND TRANSPORT**

Store in accordance with AS 1940-93 or AS 3833-98 and local regulations. Transport as UN 1263 Class 3 PG II in accordance with the ADG Code & Regulations, the IMDG Code or the IATA DG Regulations as applicable to mode of transport.

SPILLS AND DISPOSAL

Switch off or remove all potential ignition sources. Prevent material entering drains or waterways. Send unnecessary personnel out of area. Wear full protective clothing including rubber boots and respirator. Spread sand, soil or other inert absorbent over pool. When saturated collect into plastic containers. Repeat absorbent if necessary. Seal lids, label and place containers in a safe area to await disposal. Thoroughly ventilate area before allowing re-entry. Disposal must be in accordance with local regulations for hazardous wastes. Advise disposal authorities of flammable nature of wastes.

FIRE/EXPLOSION HAZARD

Liquid and vapour flammable. Fire may produce irritating or poisonous gases. Heat may cause violent rupture of containers.

DANGEROUS DECOMPOSITION PRODUCTS:

Carbon dioxide, carbon monoxide and hydrogen cyanide may be evolved during combustion.

SPECIAL FIRE FIGHTING RECOMMENDATIONS

Keep uninvolved containers cool with water spray. Contain fire water run-off for later collection and controlled disposal.

EXTINGUISHING MEDIA

Foam, dry chemical, carbon dioxide or water delivered as fog or fine spray. Water may be ineffective due to low flash point of substance.

PRECAUTIONS

Wear SCBA and full turn out clothing. Avoid bodily contact with substance or run-off.

OTHER INFORMATION

R & S Phrases: R 36/37/38; (R 11). S 2, S 23, S 25, S 26, S 38, S 36/37/39

ENVIRONMENTAL FATE

Will volatilize and leach into soils. Will be degraded during travel through soil but rate and duration of the process cannot be estimated due to a number of factors specific to a given site. In water, volatilization appears the dominant removal process. Some adsorption to sediment and suspended organic matter will occur. Estimated half-life 1 to 5.5 days.

CONTACT POINTS:

Technical enquiries (During normal working hours): 1800 073 530

Emergencies (Spills and Accidents 24 hrs): 1800 033 111

Poisons Information Centre : 13 11 26.

Disclaimer

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Prepared by SSC Pty Ltd Brisbane 07 3821 0176