

Version 1.4

Orica Woodcare

ABN 99 004 117 828

1330 Ferntree Gully Rd, SCORESBY VIC 3179

www.toby.com.au

MATERIAL SAFETY DATA SHEET**Toby Super Solvent****Statement of Hazardous Nature**

This substance is hazardous according to the criteria of WorkSafe Australia
All ingredients are listed on the AICS

IDENTIFICATION

Use: Cleaner for polyurethane finishes.	UN Number: 1993
	Class: 3
Correct Shipping Name: Flammable Liquid, N.O.S., (Contains Toluene)	Subsidiary Risk: n.all.
	Hazchem: 3[Y] E
	Packing Group: II
Appropriate EPG 3 A 1	SUSDP Schedule: 6

DESCRIPTION/PROPERTIES:

Appearance: Clear liquid	Odour: Aromatic
Percent Volatiles: 100%	Specific Gravity: Approx 0.8
Boiling Point: 79 °C	Melting Point: Not applicable
Flash Point: 4 °C	Flammability Limits: LEL 1.1 %, UEL 19 %
Vapour Pressure: 62 mm Hg	Solubility in water : Slightly soluble

Other Properties: Incompatible with oxidising substances.**INGREDIENTS:**

	Proportion	CAS No
Toluene	> 60 %	108-88-3
Methyl isobutyl ketone	10 - 30 %	108-10-1
Methylated spirits	10 - 30 %	64-17-5

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

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

Strong irritant, ingestion can cause abdominal pains, nausea, diarrhoea. Vomiting may cause aspiration into lungs with severe lung damage possible. Frequent ingestion of methylated spirit may have adverse effects on the eyes.

EYE

Contact with liquid or vapour can cause irritation, pain and corneal damage. Immediate treatment is needed to avoid permanent damage.

SKIN

Strong irritant if left in contact, with repeated or prolonged contact causing allergic reactions and / or dermatitis to susceptible persons.

INHALED

Dizziness, breathing difficulties, headache, nausea, vomiting, unconsciousness possible from severe exposure, particularly in confined or poorly ventilated areas. Deliberately concentrating and inhaling vapours may cause death.

CHRONIC

Prolonged or repeated skin exposure may cause sensitisation and asthma-like symptoms on subsequent exposures. May lead to dermatitis. Exposure to high vapour concentrations may cause adverse central nervous system effects. "Chroming" (deliberate concentration of vapour and inhaling) may prove fatal.

FIRST AID

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

SWALLOWED

If conscious, rinse mouth with water and give milk or water to drink. Do not induce vomiting. If patient involuntarily vomits encourage to lean forward from the hips to avoid aspiration. Seek prompt medical assistance if symptoms persist.

EYE

Immediately: Hold eyelids open and flush eye for 15 minutes with water. Ensure inside of upper and lower eyelids are flushed. Gently lift upper and lower eyelids away from eyes 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 assistance.

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.

FIRST AID FACILITIES

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

ADVICE TO DOCTOR:

Induced emesis may be contra-indicated due to the danger of aspiration. If patient has ingested a potentially dangerous dose suggest lavage using cuffed endotracheal intubation. For further information contact the :

POISONS INFORMATION CENTRE 13 11 26 in all States

Prepared by SSC Pty Ltd Brisbane 07 3821 0176

PRECAUTIONS FOR USE**EXPOSURE STANDARDS**

(WorkSafe Australia Exposure Standards May 1995)

Exposure Standards for the product have not been established. The Exposure Standards for individual components should be observed.

<i>Substance</i>	<i>TWA</i>	<i>STEL</i>
Toluene	50 ppm	150 ppm
Methyl isobutyl ketone	50 ppm	75 ppm
Methylated Spirits	1000 ppm	n.all.

ENGINEERING CONTROLS

Use only in well ventilated areas, ensure TWA not exceeded. In areas with doubtful ventilation use intrinsically safe mechanical ventilation/vapour extraction systems and / or breathing apparatus. Do not enter for use in tanks without breathing apparatus, safety belts, lifelines and constant supervision.

PERSONAL PROTECTION**Respiratory Protection**

If vapour concentrations may exceed the Exposure Standards use respirator fitted with an organic vapour filter to AS 1715 & 1716. In confined spaces use SCBA.

Eye Protection

Use safety glasses with side shields or goggles to AS 1337

Gloves

Wear neoprene, nitrile or butyl rubber gloves to AS 2161.

Clothing

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

Industrial Hygiene

Follow normal industrial / chemical hygiene practices.

FLAMMABILITY:

Product is flammable if in contact with flame or any ignition source, vapours may be readily ignited by sparks or other ignition sources. Vapour may travel significant distances to an ignition source and flash back to the point of origin. Vapour may form an explosive mixture with air.

SAFE HANDLING INFORMATION**STORAGE AND TRANSPORT**

Store in accordance with AS 1940-93 and local regulations. Keep away from oxidisers, heat or ignition sources. Transport as UN 1993 Class 3 PG II in accordance with the ADG Code & Regulations, the IMDG Code or the IATA DG Regulations as applicable to the mode of transport.

SPILLS AND DISPOSAL

Prevent material entering drains or waterways. Remove or switch off all potential sources of ignition. Send unnecessary personnel out of area to an upwind location. Wear full protective clothing including respirator or SCBA. Cover spill with sand, soil or other inert absorbent. When saturated shovel into plastic containers. Seal lids, label and place in a safe area to await disposal. If spill indoors thoroughly ventilate area before re-entry. Disposal must be in accordance with local regulations for hazardous wastes.

FIRE/EXPLOSION HAZARD

Liquid and vapour highly flammable. Fire may produce irritating or poisonous gases. Heat may cause violent rupture of containers. Vapours may form an explosive atmosphere with air, especially in confined spaces.

DANGEROUS DECOMPOSITION PRODUCTS:

Oxides of carbon and complex hydrocarbons may be formed during combustion

SPECIAL FIRE FIGHTING RECOMMENDATIONS

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

EXTINGUISHING MEDIA

Foam, carbon dioxide or dry chemical. Water spray may be used to cool fire affected containers.

PRECAUTIONS

Wear SCBA and full turn-out dress. Avoid contact with product or run-off.

OTHER INFORMATION

Components not classified as carcinogens, mutagens or teratogens, however there have been reported instances of rodents showing developmental toxicity after exposure to MIBK during pregnancy.

R 36/37/38;R 66, R 67, (R 10). (S 2), S 23, S 24, S 25, S 26, S 28, S 38, S 36/37/39

ENVIRONMENTAL FATE

Mobile in soils and may reach ground water before volatilization occurs. Not expected to bioaccumulate or concentrate. Could be expected to float on waater surface. Toxic to fish and other aquatic life forms. Adversely affects potable and industrial (cooling) water supplies.

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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