



SAFETY DATA SHEET
TETRATHANE (SOLVENT BASED POLYURETHANE)

500T®

Date of Issue: 09/03/2018

(Valid 5 Years)

Revision: 18

IDENTIFICATION

Chemical Name:	Resin In Solvent Solution	Packing Group:	III
Ingredients:	Xylene, Urethane Polymer, Propylene Glycol Monomethyl Ether Acetate, Toluene		
UN No.	1866	Subsidiary Risk:	NEGLIGABLE
Molecular Weight:	92.134 AMU	Primary Supplier:	ALL PURPOSE COATINGS PTY LTD
Dangerous Goods:	CLASS 3		

PHYSICAL DATA

Appearance & Odour:	Amber Liquid, Aromatic Odour	Boiling Point:	137 – 143 Deg.C
Melting Point:	Not Applicable	Vapour Pressure:	52 HPa @ 40 Deg.C
Percent Volatiles:	56.5%	Specific Gravity:	0.98 @ 15 Deg.C
Flammability Limits:	LEL: 0.9% v/v UEL: 7.0%v/v	Evaporative Rate:	0.70
Solubility (Water):	Negligible	Aromatics:	74.5%
Flash Point	29 Deg.C		

INGREDIENTS

Ingredients	Name CAS	Proportion
Blended Hydrocarbons	1330-20-7	30-60%
Ethylbenzene, Benzotriazol, Methoxy	100-41-4	0-30%
Ingredients determined not to be hazardous to 100%		

HEALTH HAZARD INFORMATION

Acute Affects

Swallowed: Toxic may cause gastric irritation. Ingestion can result in vomiting and depression.

Eye: A severe eye irritant.

Skin: De-fatting. Prolonged contact with skin may result in irritation or dermatitis or allergic eczema.

Inhaled: May cause irritation to the nose, throat and eyes; possibly narcosis. May be accompanied by coughing, choking or laboured breathing. Asthma-like breathing may be delayed reaction.

Chronic Effects: Repeated contact can result in allergic eczema and also bronchial asthma.

First Aid

Swallowed: Seek immediate medical assistance. DO NOT induce vomiting because of risk of aspiration.

Eye: Irrigate with copious quantity of water for 15 minutes. Seek medical assistance if symptoms persist.

Skin: Wash with plenty of soap and water. Remove contaminated clothing immediately.

Inhaled: Remove victim to fresh air. Employ artificial respiration if needed.

HEALTH HAZARD INFORMATION

First Aid Facilities: Eye wash fountains and safety showers should be easily accessible.

Advice to Doctors: Product contains small amounts of free Toluene diisocyanate.

Toxicity Data: Not available for product.

PRECAUTIONS FOR USE

Exposure Standards

50ppm for Solvesso 100. TLV is 0.005 ppm for Toluene Diisocyanate.

Personal Protection

Rubber gloves. Chemical goggles. Suitable respirator if concentration exceeds TLV.

Other Precautions

Local exhaust required. Explosive proof type. Maintain concentrations below maximum limit.

EMERGENCY 24 HOURS:

POISONS INFORMATION CENTRE

Herston Rd, Herston

13 11 26 (All Hours)

Engineering Controls

Use in a well-ventilated area only.

Flammability

Flammable. Keep away from heat, sparks or naked flames.

Spill & Disposal

Extinguish or remove all sources of ignition. Clear area of all unprotected personnel. Wear appropriate protection equipment. Refer to Ventilation and Personal Protection. Do not contaminate stream, rivers or water courses. Do not flush to drains or sewers. Inform local authority if liquid enters drains, sewers, etc. Shut off source of leak if safe to do so. Dike and contain spill with sand or earth. Allow to evaporate if conditions permit.

Minor Spill: Absorb the liquid and sand, earth or other absorbent. Place used absorbent in suitable, sealable, labelled containers. Keep away from heat, naked flame or sparks. Dispose of following requirements of state environment authority.

Fire / Explosion Hazards

Explosive air-vapour mixture may form. Earth and bond all transfer equipment including tanks and drums. Keep away from heat, naked flames or sparks. Have adequate fire equipment available. Evacuate immediate area. Advise Fire Brigade of nature of hazard. Wear full protection equipment including breathing apparatus. Cool surrounding containers and pipes with water. Carbon monoxide and other unidentified compounds may be formed during combustion.

Extinguishing Media

Foam, BCF, carbon dioxide or dry chemical extinguishers required. For large fires use foam.



IMPORTANT NOTICE: Read the SDS and TDS carefully prior to the use of any product. Application, performance & safety data may change from time to time. In emergency, contact the Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice. **IF THE SITUATION IS LIFE THREATENING, DIAL 000.**

PRODUCT DISCLAIMER: Read the SDS & TDS carefully before use of any product. These documents contain information in context to how you will apply the product, including if it is being used in conjunction with any other products, the type of surfaces and the manner in which the product will be applied. All Purpose Coatings Pty Ltd does not accept any liability either directly or indirectly for any losses that arise from the use or application of the product in accordance with any advice, specification, recommendation or information given by All Purpose Coatings Pty Ltd.