



500F – TETRATHANE (FLEXITHANE Non Yellowing)

Moisture Cure Aliphatic Urethane

IDENTIFICATION SECTION:

CHEMICAL NAME: Resin in Solvent Solution

INGREDIENTS: Xylene, Urethane polymer, Propylene glycol monomethyl ether acetate, Toluene.

U.N.No: 1866

PACKAGING GROUP: III

HAZCHEM CODE: 3(Y)

DANGEROUS GOODS CLASS 3

SUBSIDIARY RISK: N/app.

MOLECULAR WEIGHT: 92.134 AMU

PHYSICAL DATA

APPEARANCE & ODOUR:

Amber liquid, aromatic odour

BOILING POINT:

155 – 175 deg.C

MELTING POINT:

N/app.

VAPOUR PRESSURE:

1.7 kPa @ 15deg.C

PERCENT VOLATILES:

56.5 %

SPECIFIC GRAVITY:

0.98 @ 15deg.C

FLAMMABILITY LIMITS:-

LEL: 0.9 %v/v

UEL: 7.0%v/v

EVAPORATION RATE (N-Butyl Acetate = 1): 0.21

SOLUBILITY (WATER):

Negligible

AROMATICS:

74.5%

FLASH POINT (C Tag closed cup)

43 deg.C



INGREDIENTS

Ingredients	Name CAS	Proportion
Styrene/Acrylate/Methacrylate Copolymer Mixture	30 to 60%	
Benzyl Alcohol	100-51-6	<1%
Ammonia,Aqueous	1336-21-6	<1%
Ingredients determined not to be hazardous	to 100%	
2- Butoxy	Ethanol111-76-2	5-10

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.



FIRST AID FACILITIES; Eye wash fountains and safety showers should be easily accessible.

ADVISE TO DOCTORS; Product contains small amounts of free Toluene diisocyanate.

TOXICITY DATA; Not available for product.

PRECAUTIONS FOR USE

EXPOSURE STANDARDS

TLV is 50ppm for Solves so 100.

TLV is 0.005 ppm for Toluene Diisocyanate.

ENGINEERING CONTROLS

Use in a well-ventilated area only.

PERSONAL PROTECTION

Rubber gloves.

Chemical goggles.

Suitable respirator if concentration exceeds TLV.

FLAMMABILITY

Flammable.

Keep away from heat, sparks or naked flames.

OTHER PRECAUTIONS

Local exhaust required.

Explosive proof type.

Maintain concentrations below maximum limit.

SPILL AND 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: 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.

EMERGENCY 24 hours:

POISONS INFORMATION CENTRE

Herston Rd, Herston

131126 (All Hours)

DATE OF ISSUE: - 19.02.16

DISCLAIMER It is believed that the information given in this Safety Data Sheet is correct at the date of issue. It is offered in good faith, but without guarantee and without acceptance of responsibility for its accuracy.

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ALLPURPOSE COATINGS



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IMPORTANT NOTICE:

Read the MSDS and TDS carefully prior to use as application or performance 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.

PRODUCT DISCLAIMER:

This Technical Data Sheet (TDS) summarises to the best of our knowledge the product, including how to use and apply the product based on the information available at the time.

You should read this TDS carefully and consider the information in the context of 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. Our responsibility for products sold is subject to our standard terms and conditions of sale. All Purpose Coatings does not accept any liability either directly or indirectly for any losses suffered that arises from the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

MATERIAL SAFETY DATA SHEET