

# Con-Treat Pty.Ltd.

ACN 070 088 443

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## MATERIAL SAFETY DATA SHEET

### PolyFlex 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

**HAZCHEM CODE:** 3(Y)

**SUBSIDIARY RISK:** N/app.

**MOLECULAR WEIGHT:** 92.134 AMU

**PACKAGING GROUP:** III

**DANGEROUS GOODS CLASS** 3

#### PHYSICAL DATA

**APPEARANCE & ODOUR:**

Amber liquid, aromatic odor

**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

**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 labored 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 Solvesso 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:** 20-03-06

**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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