

# **Adheseal**

P.O. Box 3113  
Stafford Qld 4053.

2/8 Harvton St.  
Stafford Qld 4053

## **Material Safety Data Sheet**

Emergency Telephone Numbers : 07 33560000

### **Identification**

Product Name	: Everflex PU240
U.N. Number	: None allocated
Correct Shipping Name	: None allocated
Dangerous Goods Class & Subsidiary Risk	: None allocated
Hazchem Code	: None allocated
Poison Schedule	: None allocated
E.P.G.	: None allocated
Packing Group	: None allocated

### **Physical Description/Properties**

Appearance	: Viscous paste
Odour	: Solvent odour
Boiling Point	: Not applicable
Vapour Pressure @ 25°C	: Not determined.
Percent Volatiles (w/w)	: 76%
Specific Gravity	: approx. 1.17
Flash Point	: >50oC
Flammability Limits(%xVol)	: LEL: 1.1% (xylene) : UEL: 7.0%(xylene)
Autoignition Temperature	: 465oC
Vapour Density	: 3.66 (xylene)
Evaporation Rate (ether=1)	: not available
Percentage Volatiles(by wt)	: 8%
Solubility in water	: negligible

**Hazardous ingredients**

Chemical Entity	CAS No	Proportion
Polyurethane polymer (MDI based)	None	30% - 60%
Polyvinyl chloride polymer	9002-86-2	10% < 30%
Plasticizer	91082-17-6	10% < 30%
Iron Oxides	1317-61-9	<10%
Aliphatic Petroleum distillate	64742-47-8	<10%
Titanium dioxide	13463-67-7	<10%
Xylene	1330-20-7	<10%
Dipheyl methane di-isocyanate(MDI)	101-68-8	<1%

**HEALTH HAZARD Information****Health Effects****Ingestion:**

May cause nausea and irritation to gastrointestinal tract.

**Skin:**

Contact with the skin may result in mild irritation and skin sensitization.

**Eyes:**

A moderate eye irritant.

**Inhalation:**

High vapour concentrations are irritating to eyes and the respiratory tract. May cause giddiness, headaches, dizziness and nausea. Can produce nervous system depression leading to loss of co-ordination, impaired judgment and if exposure is prolonged, unconsciousness.

**Chronic exposure effects:**

Prolonged and repeated contact will dry and defat the skin, eventually causing irritation, dermatitis and possibly skin sensitization. May cause sensitization of the respiratory system. Repeated overexposure to vapours may adversely affect the brain, heart, lungs, liver, kidneys, spleen respiratory system, central nervous system and skin.

Diphelymethane di-isocyanate (methylene bisphenyl Isocyanate) caused an increase incidence of lung tumors in experimental animals following long term inhalation at concentrations in excess of 100 times the exposure limit. Over

respiratory sensitization is possible. Reports have associated repeated and prolonged occupational overexposure to solvent with permanent brain and nervous system damage.

### **First Aid**

#### Ingestion:

Do not induce vomiting. Seek medical attention immediately. Poison information Centres in each State Capital City can provide additional assistance for Scheduled Poisons.

#### Skin:

Immediately wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If swelling, redness, blistering or irritation occurs, seek medical advice.

#### Eyes:

Immediately irrigate with copious quantities of water for at least fifteen (15) minutes while holding the eye lids open. Remove clothing if contaminated and wash contaminated skin. Seek medical aid urgently, transport to hospital or medical centre.

#### Inhalation: -

Remove person to fresh air. Avoid further exposure. If symptoms persist seek medical advice. If breathing stops give artificial respiration. Obtain medical attention immediately.

#### Advice to Doctor.

Treat symptomatically.

### **Precautions for Use**

#### Exposure limits:

None determined for this product by Worksafe Australia, however, for the following components the Exposure Standard (TWA) is:

Solvent = 80PPM

Methylene bis(phenyl isocyanate) = 0.02 mg/m<sup>3</sup>

The Exposure Standard (TWA) is a guideline for good practice and not a fine line between safe and dangerous concentrations.

All atmospheric contamination should be kept to as low a level as practicable.

**PRECAUTIONS FOR USE cont'****Ventilation:**

Use with adequate ventilation. Avoid inhalation of vapours. Do not enter confined spaces where the vapour may collect.

Avoid skin and eye contact. Wear safety glasses or chemical goggles, overalls and impervious gloves, e8. polyvinyl alcohol or natural rubber. Use with adequate ventilation, but if an inhalation risk exists use a respirator with an organic vapour canister or cartridge.

Always wash hands before smoking, drinking, eating or using the toilet.

**Flammability:**

This product can release vapours that can form flammable mixtures upon heating, adequate ventilation will prevent vapors building up to flammable concentrations. All potential ignition sources eg. open flames, producing switches and electrical equipment pilot tights etc. must be removed from in or near the work area.

**SAFE HANDLING INFORMATION****Storage and Transport:**

UN NO. N/A

PACKAGING GROUP N/A

Store under normal warehouse conditions. Store away from oxidizing agents and foodstuffs. Keep container closed at all times and check regularly for leaks.

**Spills:**

Remove unprotected personnel from the area. Wear protective equipment to prevent all skin and eye contamination eg. overalls, gloves and chemical goggles or a full face respirator. Wear a respirator with organic vapour canister. Prevent the spill from running into drains or waterways, then cover with inert absorbent material eg. sand, soil or vermiculite. Shovel into drums for disposal Using a non sparking shovel and label clearly. Do not allow spill to enter drains and waterways. If the spill has run into drains or waterways contact the Local Emergency Services. Assure conformity with applicable disposal regulations.

## **SAFE HANDLING INFORMATION cont'd**

### **Disposal**

Refer to State Waste Management Authority . Show them this M.S.D.S. It is normally suitable for incineration by an Approved Agent.

### **Fire/Explosion Hazard**

Extinguishing media - foam, Carbon dioxide or dry chemical powder. Use Water spray to cool fire exposed surfaces and protect personnel.

#### **Fumes & Smoke**

Hydrocyanic acid and oxides of nitrogen may form. Carbon monoxide in the case of incomplete combustion.

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