



## MATERIAL SAFETY DATA SHEET

Issue date: 10<sup>th</sup> December, 2009

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### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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**Product Name: TREMCO-illbruck PU 010**

Company: Tremco Pty Limited ABN 25 000 024 064  
Address: Unit 1, 2 Park Road, Rydalmere, New South Wales, 2116  
Contact Nos.: Telephone: (02) 9638 2755 Fax: (02) 9638 2955  
Emergency  
Telephone: 1800 224 512 Business Hours only 7am to 5pm Monday to Friday  
Inclusive  
Product Codes: 275009 750ml  
Recommended  
Use: One component, moisture curing, polyurethane adhesive  
Proper Shipping  
Name: Aerosols

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### 2. HAZARDS IDENTIFICATION

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CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA.

Symbol: Xn Harmful  
F+ Extremely flammable

Risk Phrases: R20 Harmful by inhalation  
R36/37/38 Irritating to eyes, respiratory system and skin  
R42/43 May cause sensitisation by inhalation and skin contact

D.G. CLASS: 2  
Hazchem code 3WE

Safety Phrases: S2 Keep out of reach of children  
S23 Do not breathe fumes/aerosol  
S24/25 Avoid contact with skin and eyes.  
S33 Take precautionary measures against static discharges.  
S35 This material and its container must be disposed of in a safe way  
S36/37 Wear suitable protective clothing and gloves.  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)  
S51 Use only in well ventilated areas  
S61 Avoid release to the environment

Contains isocyanates. See information supplied by the manufacturer  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.  
Do not spray on a naked flame or any incandescent material.  
Keep away from sources of ignition - No smoking.  
Buildup of explosive mixtures possible without sufficient ventilation.

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical Name:	CAS Number:	Proportion:
Diphenylmethane diisocyanate, isomers and homologues	9016-87-9	25-50%
DME, Dimethylether	115-10-6	2.5-10%
Bromated polyetherpolyol	55185-21-2	2.5-10%
Isobutane	75-28-5	<5%
Propane	74-98-6	<5.0%

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### 4. FIRST AID MEASURES

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Symptoms of poisoning may even occur after several hours, therefore medical observation for at least 48 hours after an incident is recommended. Poisons Information Centre in each State capital can provide additional assistance Phone 13 11 26 (all states).

Ingestion: If symptoms persist consult a doctor.

Eye: Rinse opened eye for at least 15 minutes under running water.  
Consult a doctor.

Skin: Immediately wash with water and soap and rinse thoroughly.

Inhalation: Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.

#### FIRST AID FACILITIES

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

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### 5. FIRE FIGHTING MEASURES

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Flash point : <0°C

Extinguishing Media : Carbon Dioxide, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents:

Water with full jet

Protective equipment: Mount respiratory protective device and wear protective equipment.

Additional Information: Hazchem code 3WE

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### 6. ACCIDENTAL RELEASE MEASURES

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Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.

Measures for environmental protection: Do not allow to enter sewers/ surface or ground water.  
Measures for cleaning/collecting: Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

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## 7. HANDLING & STORAGE

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### Handling

#### Information for safe handling:

Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care.

#### Information about fire - and explosion protection:

Do not spray onto a naked flame or any incandescent material. Keep away from sources of ignition. - No smoking. Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

#### Storage:

##### Requirements to be met by storerooms and receptacles:

Store in accordance with AS 3833-98 and local regulations. Store in a cool location. Observe official regulations on storing packagings with pressurized containers.

**Information about storage in one common storage facility:** Not required.

##### Further information about storage conditions:

Keep container tightly sealed. Do not seal receptacle gas tight. Store in cool, dry conditions in well sealed receptacles. Protect from heat and direct sunlight.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### Ingredients with limit values that require monitoring at the workplace:

#### 9016-87-9 diphenylmethanediisocyanate, isomers and homologues (25-50%)

WEL Short term value: 0.07 mg/m<sup>3</sup>

Long term value: 0.02 mg/m<sup>3</sup>

#### 115-10-6 DME, Dimethylether (2.5-10%)

OES Short term value: 958 mg/m<sup>3</sup>, 500 ppm

Long term value: 766 mg/m<sup>3</sup>, 400 ppm

**Additional information:** The lists valid during the making were used as basis.

### Personal protective equipment:

#### General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin.

### Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

**Protection of hands:**

Protective gloves:

**Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye Protection:**

Use safety glasses with side shields or tightly sealed goggles to AS1337.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance:	Aerosol
Colour:	According to product specification
Odour:	Characteristic
Solubility:	Not miscible in water
Boiling Point:	Not applicable as aerosol
Melting Range:	Not established
Flash Point:	<0 °C
Ignition Temperature:	Not applicable as aerosol
Self-igniting:	Product is not self-igniting
Danger of Explosion:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible
Density @ 20 °C:	1.03g/cm <sup>3</sup>

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## 10. STABILITY AND REACTIVITY

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The product is stable under normal conditions and use.

Conditions to avoid: No decomposition if used according to specifications, however, avoid heat, sparks, open flames and other ignition sources.

Dangerous reactions: No dangerous reactions known.

Dangerous decomposition products: No dangerous decomposition products known.

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## 11. TOXICOLOGICAL INFORMATION

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No adverse health effects are expected if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are:

**Acute Toxicity**

**Primary Irritant Effects**

Eye: Irritating effect.

Skin: Irritant to skin and mucous membranes.

**Sensitization:**

Sensitization possible through inhalation.

Sensitization possible through skin contact.

**Additional toxicological information:**

Harmful  
Irritant

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**12. ECOLOGICAL INFORMATION**

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**Recommendation:**

Slightly hazardous for water. Must not be disposed of together with household garbage. Uncured product must not be disposed with household garbage.

Dispose of all empty containers as per State & Council Regulations. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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**13. DISPOSAL CONSIDERATIONS**

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Dispose of all empty containers as per State & Council Regulations. Do not dispose near waterways, vegetation and tree roots. Must not be disposed together with household garbage. Empty containers and product should not be burned.

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**14. TRANSPORT INFORMATION**

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UN Number: 1950  
Shipping Name: AEROSOLS  
Class: 2  
Packaging Group: Not applicable  
Hazchem Code: 3WE  
Marine Pollutant: No  
In accordance with the ADG Code & Regulations and the IMDG Code as appropriate to mode of transport.

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**15. REGULATORY INFORMATION**

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Xn Harmful

F+ Extremely flammable

Risk & Safety Phrases listed in Section 2

Waterhazard Class: 1 (self assessment)  
Classified as Hazardous according to the criteria of Worksafe Australia  
Contains isocyanates. See information supplied by the manufacturer. Pressurised container, protect from sunlight and do not expose to temperature exceeding 50oC. Do not pierce or burn even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Build up of explosive mixtures possible without sufficient ventilation.

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**16. OTHER INFORMATION**

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Keep out of reach of children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use and storage of the product under every foreseeable condition.

Website: [www.tremco.com.au](http://www.tremco.com.au)

The information sourced for the preparation of this document was correct and complete at the time of writing or to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority.