

## TimbaTech PU120 Medium To Slow Setting Polyurethane Adhesive

### 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

**Product name:** TimbaTech PU120 Medium To Slow Setting Polyurethane Adhesive

**Product Description:** Woodworking Polyurethane Adhesive

**Recommended use:** Woodworking Adhesive

**Supplier:** TimbaTech Pty Ltd  
**ABN:** 31 131 522 828  
**Address:** 1/11 Taunton Drive  
Cheltenham Victoria 3192  
**Office:** 03 9585 3116  
**Fax:** 03 9585 3114  
**Mobile:** 0412 738 568

**Emergency telephone (24 Hours) :** Contact Poisons Information Centre - 13 11 26

**Hazardous according to the criteria of Work safe Australia**

<b>UN No. :</b>	Not applicable	<b>D.G.CLASS :</b>	Not applicable	<b>IMDG :</b>	Not applicable
<b>HAZCHEM :</b>	Not applicable	<b>SUB.RISK :</b>	Not applicable	<b>CAS No. :</b>	MIXTURE
<b>G.T.EPG :</b>	Not applicable	<b>PACK. GRP :</b>	Not applicable	<b>SUSDP :</b>	6 (FED)
<b>SPEC.EPG :</b>	Not applicable				

### 2. HAZARDS IDENTIFICATION

- Harmful by inhalation
- Irritating to eyes, respiratory system and skin
- May cause sensitisation by inhalation and skin contact
- Do not breathe vapour/gas/fumes/spray
- Wear suitable protective clothing and gloves
- In case of accident or if you feel unwell, seek medical advice immediately (Show the label whenever possible)

### 3. COMPOSITION INFORMATION

Liquid Isocyanate terminated prepolymer based on MDI and polyether polyols. This product has an isocyanate surplus that will react with atmospheric moisture to form solid polyurethane.

Ingredients:

Proportion

Polyether polyol:	40-45%
Polymethylene polyphenyl isocyanate:	55-60%

**4. FIRST AID MEASURES****If inhaled**

Remove from exposure. For all but the most minor symptoms arrange for a doctor or transport to the nearest hospital.

**In case of eye contact**

Immediately flush eyes with plenty of water for at least 15 minutes.

**In case of skin contact**

Immediately wash skin with soap and plenty of water. Get medical attention immediately if symptoms occur. Remove contaminated clothing before reuse.

**Other information**

Never give fluids or induce vomiting.

**Advice to Doctor**

May cause respiratory sensitization or asthma-like symptoms. Bronchodilators, expectorants and anti-jussives may be of help. Respiratory symptoms, including persons receiving significant exposure should be observed 24-48 hours for signs of respiratory distress. No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

**5. FIRE-FIGHTING MEASURES**

**Combustible :** Although not considered to be a significant fire risk.

**Flash Point :** >200°C

**Extinguishing Media :** Water spray, foam, carbon dioxide or dry chemical powder.

**6. ACCIDENTAL RELEASE MEASURES****MINOR SPILLS**

- Clean up all spills immediately
- Absorb the spilt material with a suitable adsorbent material
- Remove the adsorbent and waste into open top containers
- Decontaminate with a mixture of : -90 parts Water; 8 parts Ammonia; 2 parts Methanol
- Wash the area with decontaminant. Wear suitable cartridge filter mask (Complying with AS/NZS1716) and protective clothing

**MAJOR SPILLS**

- Wear full protective equipment, including suitable cartridge filter mask (Complying with AS/NZS1716) and impervious footwear (Rubber safety boots)
- Clean area of all unprotected personnel
- Increase ventilation
- Contain - Use sand and earth

- Prevent run off into drains or waterways. Collect in open drums for disposal. Do not make pressure tight
- Decontaminate area and equipment with diluted ammonia and detergent

## 7. HANDLING AND STORAGE

Combustible liquid, avoid ALL ignition sources. Vapour heavier than air; prevent concentration in hollows of sumps. DO NOT enter confined spaces where vapour may have collected. This product contains a Scheduled Poison (S6) and must therefore be stored, maintained and used in accordance with the relevant State Poisons Act. Keep dry - Reacts with water - may lead to drum rupture.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE STANDARDS

#### WORKPLACE EXPOSURE STANDARD (ES) # FOR:

#	=	Exposure Standard for Atmospheric Contaminants in the occupational Environment, published by Work Safe Australia
TWA	=	Time weighted average exposure - 8 hour period
STEL	=	Short-term exposure limit
Sen.	=	Sensitiser

**Engineering measures:** Use local exhaust ventilation when the product is heated above 40°C  
Use only in a well ventilated area

**Personal protection equipment:** Avoid skin and eye contact  
Wear rubber gloves, full-face shield or chemical goggles, rubber boots and overalls  
Gloves should be decontaminated after use  
If inhalation risk exists, wear organic vapour mask, or air purifying respirator or air-wash hood, complying with AS/NZS1716 Respiratory protective devices  
Wash contaminated clothing and protective equipment before storing or re-using  
Always wash hands before smoking, eating, drinking or using the toilet

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Brown liquid. Soluble in many organic solvents-reacts, often violently, with those containing active hydrogen, including water.

<b>Vapour Pressure @ 20°C:</b>	<10 <sup>-5</sup> mm Hg (Contains no TDI)
<b>Specific Gravity:</b>	1.24 @ 25°C
<b>Vapour Pressure @ 100°C:</b>	<10 <sup>-2</sup> mm Hg (Contains <1% MDI)
<b>Flash Point:</b>	>204°C
<b>Auto Ignition Temperature (°C):</b>	>600°C

**10. STABILITY AND REACTIVITY**

Reacts vigorously with water and other materials containing free hydroxyl groups, producing carbon dioxide.

**11. TOXICOLOGICAL INFORMATION**

Acute Oral LD50 (rat)	-	10,000	mg/kg
Acute Dermal LD50 (rabbit)	-	10,000	mg/kg
Inhalation LC50 (rat)	-	11	mg/l

**Health Effects From The Likely Routes Of Exposure**

Considered to be harmful by inhalation. Contact with skin will result in mild irritation and is a skin sensitiser. A moderate to severe eye irritant - splash can cause severe chemical conjunctivitis. Vapour is an irritant to mucous membranes and respiratory tract, producing symptoms of dry throat cough - it is a respiratory sensitiser. Although not normally an inhalation risk, due to low vapour pressure at ambient temperatures, a vapour hazard will arise when the product is heated above 40°C or reacted in a confined or unventilated area. Inhalation of mists or aerosols can produce respiratory irritation, may cause sensitisation or asthma like systems.

**12. ECOLOGICAL INFORMATION****Environmental Protection**

Avoid contaminating waterways, drains, sewers or ground.

**Environmental Fate:** Based on information for MDI and polymeric MDI.

**Movement & Partitioning:** In the aquatic or terrestrial environment, movement is expected to be limited by its reactivity with water forming predominantly insoluble polyureas.

**Degradation & Persistence:** In the aquatic and terrestrial environment, material reacts with water forming predominantly insoluble polyureas which appear to be stable. In the atmospheric environment, material is expected to have a short tropospheric half-life, based on calculations and by analogy with related diisocyanates.

**13. DISPOSAL CONSIDERATIONS**

**Refer to State/Territory Land Waste Management Authority.**

Empty containers MUST be decontaminated.

Nomally suitable for incineration by approved agent.

**14. TRANSPORT INFORMATION**

Classified as a Non-Dangerous Substance for the purpose of transport.

Refer to State Regulations for storage and transport requirements.

Product is labeled in accordance with the Code of Practice for Labeling Workspace Substances. Product repackaged for public consumer use should be labeled in accordance with the current standard for Uniform Scheduling of Drugs & Poisons (SUSDP), Part 2.

#### 15. REGULATORY INFORMATION

R20	Harmful by inhalation
R36/37/38	Irritating to eyes, respiratory system and skin
R42/43	May cause sensitisation by inhalation and skin contact
S23	Do not breathe vapour/gas/fumes/spray
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 whenever possible)

#### 16. OTHER INFORMATION

<b>Contact Point:</b>	TimbaTech Pty Ltd
<b>Office:</b>	03 9585 3116
<b>Fax:</b>	03 9585 3114
<b>Mobile:</b>	0412 738 568
<b>After Hours:</b>	Poisons Information Centre - 13 11 26

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