

# Material Safety Data Sheet

Product Name: **PU900**

Issue Date: July 2003

**Not Classified as hazardous according to the Criteria of Worksafe Australia**

## 1. COMPANY DETAILS (MANUFACTURER)

*Company:* Sealex Industries  
*Address:* 5 Balook Dr  
Beresfield NSW 2322  
  
*Telephone:* 1300 555 955  
*Facsimile:* 1300 855 598  
*Emergency telephone:* 0437 015 309

## 2. IDENTIFICATION

*Product name:* **PU900**  
*Product code:* FTASA100  
*Product use:* Resin comp. of two pack polyurethane, applied by trowel, brush, roller etc.  
*UN number:* None Allocated  
*DG class and subsidiary risk:* None Allocated  
*Packaging group:* None Allocated  
*Hazchem code:* None Allocated  
*Poisons Schedule:*

### 2a. Ingredients

<i>Chemical Name:</i>	<i>CAS Number:</i>	<i>Proportion</i>
Polyether/ester polyol	Proprietary	HIGH

Proportion (% weight per weight):  
VHIGH >60, HIGH 30-60, MED 10-29, LOW 1-9, VLOW <1  
All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

### 2b. Physical Data

*Appearance:* Yellow viscous Liquid

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<i>Vapour:</i>	very slight
<i>Boiling point:</i>	>200°C 5mm Hg
<i>Vapour pressure:</i>	<0.00001 mm Hg at 25C
<i>Vapour density (Air=1):</i>	approx. 8.5 (air = 1)
<i>Solubility in water:</i>	Insoluble
<i>Specific gravity:</i>	1 approx. at 20C
<i>Flash point:</i>	>200 C (Method: ASTM D-93, PMCC)
<i>Flammability limits:</i>	N/A

## 3. HEALTH HAZARD DATA

### 3a. Health Effects

<i>Acute- ingestion:</i>	Single dose oral toxicity is considered to be low. LD50 > 2000 mg/
<i>Acute- eye:</i>	Mild Irritant.
<i>Acute-skin:</i>	Mild Irritant.
<i>Acute- inhalation:</i>	At room temperature, vapours are minimal due to low vapour pressure.
<i>Chronic:</i>	No known chronic exposure problems.

### 3b. First Aid

<i>Eye:</i>	Irrigate immediately with water for at least 15 minutes, occasionally lifting eyelids. Consult a doctor.
<i>Skin:</i>	Promptly wash the contaminated skin with soap and water. Remove any contaminated clothing. Immerse contaminated clothing in water for 24 hours and do not re-use it until it has been laundered.
<i>Ingestion:</i>	Call a physician or the poisons information center (131126). Give water. Do NOT induce vomiting. Do not induce vomiting or give anything by mouth for an unconscious person.
<i>Inhalation:</i>	Remove victim from exposure and keep warm. The greatest risk in the use of this product arises from inhalation of the vapours of the part B component, however due to its small concentration, the risk is lowered except in the case of hypersensitisation. In this case, if breathing is laboured, oxygen should be administered by qualified person. Obtain medical attention immediately and have Material Safety Data Sheet or Label information available.
<i>First aid facilities:</i>	Eye wash facilities, safety shower, soap and water.

### 3c. Advice to Doctor

<i>Advice to doctor:</i>	Treat symptomatically.
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## 4. PRECAUTIONS FOR USE

### 4a. Exposure Standards

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*Exposure guidelines:* None listed

TWA - Time-weighted average airborne concentrations over an eight hour working day, for a five day working week over an entire working life.

STEL - Short term exposure limit- the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight- hour work day.

Sen. - Sensitiser. The substance can cause a specific immune response in some people. An affected individual may subsequently react to exposure to minute levels of that substance.

*Engineering controls:* Ensure ventilation is adequate to maintain air concentrations to below exposure standards. Vapours are heavier than air and may accumulate in low-lying depressions such as sumps or hollows. Keep containers closed when not in use. Ensure all equipment used in the vicinity or during process application is intrinsically safe.

## 4b. Personal Protection

*Respiratory protection:* Wear respirator "protector R30/A1P3" under normal brush or roller application conditions. If high concentrations of vapours cannot be avoided (e.g. At elevated temperatures or when applied by spraying or in the case of fire) then wear a positive pressure air supplied full-face respirator (complying with Australian Standard 1716-1984) and gloves in a ventilated booth as above.

*Skin protection:* Wear clean, long-sleeved, body covering clothing and impervious overshoes. Use neoprene or rubber gloves. Avoid skin contact.

*Eye protection:* Use safety glasses.

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

## 4c. Flammability

*Fire hazards:* Combustible liquid. Avoid heat and sources of ignition. Prevent build-up of flammable vapours. Toxic fumes may be released in fire situations.

## 5. SAFE HANDLING INFORMATION

### 5a. Storage and Transport Information - UN No. None allocated

*Storage:* Keep in a cool, well ventilated area away from heat and ignition sources.

*Transport:* Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by road or rail, sea or air.

*UN number:* None allocated

*DG class and subsidiary risk:* None allocated

*Packaging group:* None allocated

*Hazchem code:* None allocated

*Poisons schedule:* N/A

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## 5b. Environmental and Disposal Information

*Spills and leaks:* Shut off all possible sources of ignition. Spills should be contained to prevent contamination of drainage systems or waterways. Collect with absorbent material such as earth, sawdust or vermiculite. Place into suitable containers for disposal. Advise emergency authorities if contamination of sewers or waterways occurs. Avoid eye or skin contact, or oral ingestion.

*Disposal method:* Incinerate in accordance with all State and/or Local Government regulations.

## 5c. Fire and Explosion Data

*Fire & explosion hazard:* **Combustible Liquid.** Will support combustion. Product reacts with water. Reaction may produce heat and/or gases. Reaction may be violent. Container may rupture from gas generation in a fire situation. Violent steam generation or eruption may occur upon application of direct water stream to hot liquid. Dense smoke is produced when product burns.

*Extinguishing media:* Water fog, carbon dioxide, dry chemical, sand.

*Hazardous decomposition products:* Complete combustion will result in oxides of carbon and nitrogen and HCN.

*Fire fighting equipment:* Under fire conditions, product generates irritating and hazardous vapours and toxic fumes. Fire-fighters should wear self-contained breathing apparatus in addition to the protective clothing usually worn.

**Hazardous reactions:**

*Stability:* [Conditions to avoid]  
Product is stable

*Incompatibility:* [Specific materials to avoid]  
None known if used for intended purpose

*Hazardous decomposition products:* Complete combustion will result in oxides of carbon and nitrogen.

*Hazardous polymerisation:* Will not occur (see above).

## 6. ADDITIONAL INFORMATION

*Toxicology:* No adverse health effects are expected if the product is handled in accordance with this Material Safety Data Sheet.  
Swallowed: Oral LD50 > 2000 mg/Kg  
Mutagenicity: Non-mutagenic

*Environmental protection:* Avoid contaminating waterways

*Packaging and labelling information:* **Not Hazardous according to criteria of Worksafe Australia**  
HAZARD CATEGORY: Irritant (Xi).  
RISK PHRASES:  
R36/38 Irritating to eyes and skin  
SAFETY PHRASES:  
S36/37 Wear suitable protective clothing, glasses and gloves

## 7. CONTACT POINT

# **Sealex Industries**

5 Balook Dr Beresfield NSW 2322

Ph: 1300 555 955 Fax: 1300 855 598 Email: [info@sealex.com.au](mailto:info@sealex.com.au)

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All information is given in good faith without warranty.

Users are encouraged to assess the product under their own conditions and for their own application