



# PURASTRIP



## Material Safety Data Sheet

Issue Date: March 2013

### PURASTRIP

#### 1. PRODUCT AND SUPPLIER IDENTIFICATION

<b>Product Name</b>	PURASTRIP
<b>Product Use</b>	Product is used for the removal of PURASHINE (waterborne sacrificial timber polish).
<b>Company Name</b>	Urethane Coatings a division of Era Polymers Pty Ltd.
<b>Address</b>	25-27 Green Street Banksmeadow NSW 2019
<b>Telephone</b>	(02) 9666 3788
<b>Fax</b>	(02) 9666 4805
<b>Emergency Telephone</b>	1800 039 008

#### 2. HAZARDS IDENTIFICATION

<b>Hazards Classification</b>	Hazardous substance, Non-dangerous good According to Australian Dangerous Goods code ADG code.
<b>Poisons Schedule</b>	This substance is not a scheduled poison.
<b>Risk Phrases</b>	R10, R20/22, R36/37/38, R52.
<b>Safety Phrases</b>	S02, S03/09/14, S07/8, S21, S23, S24/25, S26, S27, S28, S29, S35, S36/37/39, S38, S61, S62.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL ENTITY	CAS No	PROPORTION
HAZARDOUS		
Dibasic ether mixture	Mixture	10-70%
Benzyl alcohol	100-51-6	10-50%
N-methyl-2-pyrrolidone	872-50-4	10-50%
All other substances non-hazardous		Balance



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### 4. FIRST AID MEASURES

<b>Ingestion</b>	Rinse mouth with water and give plenty of water to drink. Do not induce vomiting. Seek immediate medical advice and/or call poisons information centre, Australia 131126.
<b>Eye</b>	Irrigate affected eye(s) with copious quantities of water for 15 minutes, ensure eyelids are held open. Seek immediate medical advice.
<b>Skin</b>	Wash skin thoroughly with soap and water as soon as possible. Remove contaminated clothing and wash underlying skin. Consult a doctor in the event of a skin reaction.
<b>Inhaled</b>	May cause irritation to the respiratory tract. If affected, remove person to fresh air. Seek medical advice if symptoms develop or persist.
<b>Advice to Doctor</b>	Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

<b>Fire Hazards</b>	Flammable liquid. Keep containers cool with water spray.
<b>Extinguishing Media</b>	Alcohol stable Foam, carbon dioxide, or dry chemical powder.
<b>Fire Fighting Measures</b>	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.
<b>Hazchem Code</b>	Not applicable.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Minor Spills</b>	Avoid contact with product. Absorb with an inert non-combustible material such as vermiculite or sand, shovel into suitable waste container, allow to dry and treat as a solid waste. Do not pour or allow spill of leftover material to enter drains sewers or waterways. Empty containers should be left open to dry out and recycled via appropriate recycling program. Ensure disposal conforms to local, State and Federal regulations.
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## Major Spills

Inform Authorities if a major spillage occurs. Wear breathing apparatus and protective gloves. Evacuate all non-emergency personnel from area. Keep public away. Warn occupants downwind. Dike area far ahead of liquid and recover. Prevent entry into drainage systems, and waterways. Collect with absorbent material such as sand, earth or vermiculate. Ensure disposal conforms to local, State and Federal regulations.

## 7. HANDLING AND STORAGE

### Handling

Flammable liquid. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc.) must be eliminated both in and near the work area. Do NOT smoke. Use with adequate ventilation. Avoid prolonged breathing of vapour. Avoid prolonged repeated contact with skin.

### Storage

Store in a cool well ventilated area. Store away from sources of heat or ignition. Store away from oxidising agents and foodstuffs. Keep containers closed when not in use. Check regularly for leaks. Ensure containers are well sealed to prevent contact with moisture. Store and transport in accordance with AS 1940-1993 and local, state, and federal regulations.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits<sup>1</sup>

No data is available for this material however for the following hazardous components the following limits should be followed.

Name	mg/m <sup>3</sup> TWA	ppm TWA
Dibasic esters	10	1.5
Benzyl chloride	5.2	1
N-methyl-2-pyrrolidine	103	25

### Other Exposure Info

Exposure Standard means the average concentration of a particular substance in the worker's breathing zone, exposure to which, according to current knowledge, should not cause adverse health effects nor cause undue discomfort to nearly all workers. It can be of three forms: Time Weighted Average (TWA), means the average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day working week; peak limitation; or short term exposure limit (STEL).



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## Engineering Controls

Exposure can be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions. If engineering controls and work practices are not effective in preventing or controlling exposure, then suitable personal protective equipment, which is known to perform satisfactorily, should be used.

## Protective Equipment

Avoid eye and skin contact. Avoid inhaling the vapour or mist. Follow normal industrial safety practices. The use of protective clothing and equipment depends on the degree of exposure. The following personal protective equipment should be used:

### Respirator

Where concentrations in air exceed recommended exposure limits, or work practice or other means of exposure reduction are not adequate, use respirator fitted with filters that conform to AS 1716.

### Eye Protection

Use safety glasses, chemical goggles or face shield as appropriate, refer to AS 1337.

### Hand Protection

Use chemical resistant gloves such as PVC, refer to AS 2161.

### Protective Clothing

Use long sleeved chemical resistant overalls, fastened at neck and wrists, refer to AS 3765.

### Footwear

Wear chemically impervious safety shoes/boots, refer to AS 2210.

### Work/Hygienic Practices

Ensure high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking etc.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance**

Colourless liquid

**Odour**

Fruity amine-like odour

**Density (g/l @ 25°C)**

Not available

**pH**

Not applicable

**Volatiles (v/v %)**

Not available

**Solubility**

Lightly soluble in water

**Melting Point (°C)**

-20 \*

**Boiling Point (°C)**

196-225\*

**Vapour Pressure (mm Hg @ 20°C, 1 atm)**

<1\*

**Flash Point (°C)**

100\*

**Flammability Limits (v/v %)**

0.9-8\*

**Auto ignition temperature (°C)**

370\*

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<b>Rel. Vapour Density (Air = 1)</b>	Not available
<b>Evaporation Rate (relative to n-butyl acetate)</b>	<0.1
<b>Molar mass (g/mol)</b> (* Dibasic ether)	Proprietary

### 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions of use.
<b>Conditions to Avoid</b>	Avoid exposure to high temperatures. Avoid contact with foodstuff.
<b>Incompatible Materials</b>	Incompatible with strong oxidising and reductive agents. Avoid strongly acidic and basic media, direct sunlight and sources of ignition and heat.
<b>Decomposition Products</b>	Oxides of carbon and nitrogen.
<b>Hazardous Polymerization</b>	Data not available

### 11. TOXICOLOGICAL INFORMATION

<b>Toxicology</b>	Harmful by inhalation and ingestion, eye and skin irritant.
<b>Ingestion</b>	Harmful if swallowed, may cause irritation to the gastrointestinal tract, causing nausea and vomiting. CNS depression may lead to dizziness, vomiting, drowsiness, and intoxication.
<b>Skin Contact</b>	Skin irritant which may present as redness, itchiness or irritation. Prolonged exposure may cause defatting of the skin leading to dermatitis.
<b>Eye Contact</b>	Irritant to the eye. Contact with the eye will cause irritation experienced as tearing, stinging, blurred vision and redness.
<b>Inhalation</b>	Harmful by inhalation. Symptoms may include irritation of the nose and throat. May cause intoxication, vertigo, associated with CNS depression.

### 12. ECOLOGICAL INFORMATION

<b>Aquatic Toxicity</b>	Moderately toxic to fish and aquatic organisms. Prevent entry into drainage systems and waterways.
<b>Mobility</b>	Data not available
<b>Biodegradability</b>	Partially biodegradable.
<b>Bioaccumulation</b>	Not expected to bioaccumulate



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### 13. DISPOSAL CONSIDERATIONS

<b>Disposal Considerations</b>	Ensure waste disposal conforms to Local, State and Federal regulations. This product is recommended for incineration by an appropriate facility. Empty containers should be recycled or disposed of through a licensed contractor. Care should be taken with empty packaging, which may contain product residue.
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### 14. TRANSPORT INFORMATION

<b>Transport Information</b>	NON-DANGEROUS GOODS as classified by the by the criteria of the Australian Dangerous goods code (ADG Code) for Transport by Road and Rail.
<b>UN number</b>	Not regulated
<b>Proper Shipping Name</b>	PURASTRIP
<b>DG Class</b>	Not applicable
<b>Hazchem Code</b>	Not applicable
<b>Packaging Method</b>	Not applicable
<b>Packaging Group</b>	Not applicable
<b>EPG Number</b>	Not applicable
<b>IERG Number</b>	Not applicable
<b>IMDG</b>	Not applicable
<b>CAS NO</b>	PROPRIETARY
<b>Subsidiary Risk</b>	Nil

### 15. REGULATORY INFORMATION

<b>Poisons Schedule</b>	This substance is not a scheduled poison.
<b>Packaging and Labelling</b>	4 and 1 litre containers with Regulatory, safety and first aid information clearly labelled.
<b>Shelf Life</b>	This product is best if used within 24 months from manufacture (refer to batch number), when stored in unopened containers under normal conditions of temperature and humidity.

### 16. OTHER INFORMATION

1. Safe Work Australia, 1993, 'Adopted national exposure standards for atmospheric contaminants in the occupational environment', [www.worksafeaustralia.gov.au](http://www.worksafeaustralia.gov.au) [cited] 27 January 2010.



## PURASTRIP



### **NOTICE to READERS**

Classification of the preparation and its individual components has drawn on official and authoritative sources using available literature references. Urethane Coatings make no representation as to the completeness and accuracy of the data contained in this MSDS. It is the user's obligation to evaluate and use this data, and to comply with all relevant Federal, State and local Government laws and regulations. Urethane Coatings shall not be responsible for loss, damage or injury resulting from reliance upon or failure to adhere to any recommendations contained herein, from abnormal use of the material, or from any hazard inherent in the nature of the material.

### **End of MSDS**