

## MATERIAL SAFETY DATA SHEETS (MSDS)

**Version:** 2  
**Issued by:** Enviro Systems  
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## ENVIRO EPOXY RC Part B

### SECTION 1 – IDENTIFICATION OF MATERIAL & SUPPLIER

**Product Name:** Enviro Epoxy RC Part B  
**Manufacturer's Product Code:** N/A  
**Recommended Use:** Part B of a two component, solvent free epoxy resin binder  
**Company:** Waterproofing Technologies Pty Ltd  
**Address:** 295 Princes Highway  
St Peters, NSW 2044  
**Website:** [www.envirosystems.com.au](http://www.envirosystems.com.au)  
**Telephone:** +61 2 85958699 (business hours)  
**Emergency Telephone:** Info Safe – 1800 638 556, Poisons Centre – 131126  
**Fax:** +61 2 85958660

### SECTION 2 – HAZARDS IDENTIFICATION

**Hazard Classification:** Hazardous according to criteria of NOHSC

**Hazard Designation:** C - Corrosive

**Safety Phrase(s):**

S 26; In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.

S 28; After contact with skin, wash immediately with plenty of water and soap.

S 36/37/39; Wear suitable protective clothing, gloves and eye/face protection

**Risk Phrase(s):**

R20/21/22; Harmful by inhalation, in contact with the skin and if swallowed.

R 34; Causes burns.

R 43; May cause sensitization by skin contact.

### SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

**Ingredients:**

Name:	CAS No:	Proportion:
Cycloaliphatic Amine Adduct	Propriety	10 - 30%
Butylated Urea Formaldehyde Resin		<10%
Xylene	1330-20-7	<10%
Crystalline Silica Quartz	14808-60-7	10-30%
Non hazardous ingredients	-	to 100%

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### SECTION 4 – FIRST AID MEASURES

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**Ingestion:** Do not induce vomiting. Wash mouth with water and seek medical attention immediately.

**Inhalation:** Remove to fresh air. If breathing is difficult give oxygen.

**Eye contact:** While holding eyes open, gently flood with plenty of fresh water for at least 15 minutes and seek medical attention. If irritation persists or recurs seek medical attention. Skilled personnel should only undertake removal of contact lenses after an eye injury.

**Skin Contact:** Flush contacted area thoroughly with soap and plenty of water. Seek medical attention in event of irritation.

**First aid facilities:** Ensure availability of clean water for eye/skin wash.

**Notes to physician:** Treat symptomatically

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### SECTION 5 – FIRE FIGHTING MEASURES

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**Fire Fighting:** Full protective clothing as per personal protection in section 8.

**Hazchem Code:** 3X

**Extinguishing Media:** Foam, CO2 and Dry Chemical

**Hazards from combustion products:** Oxides of carbon and other possibly toxic fumes from fire.

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### SECTION 6 – ACCIDENTAL RELEASE MEASURES

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**Emergency Procedures:**

**Spills and Disposal** Small or major spills should be absorbed with dry, inert filler (soil or sand) which then can be shoveled into appropriately labeled drums for disposal. Disposal of this material should be undertaken by a registered chemical disposal company. Disposal of this material should be undertaken by a registered chemical disposal company.

**Environmental precautions** Do not discharge into sewers or waterways.

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### SECTION 7 – HANDLING & STORAGE

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**Conditions for safe storage:**

**Storage Requirements:** Store in a cool, dry area

**Storage Incompatibility:** Strong oxidizing agents, acids and alkalis

**Temperature Conditions:** 5° to 35° C

**Protection from weather:** Store undercover and away from frost and moisture

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### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

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**National occupational exposure limits:** Not available

**Personal Protection:**

**Eye:** Chemical worker's goggles

**Body:** Overalls clothing

**Hands:** Long PVC or nitrile rubber gauntlets

**Respiratory:** Type A1 if ventilation is inadequate

**All other:** Use barrier creams to protect skin from contact with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.

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**Engineering controls:** Ventilation is recommended under normal use conditions. State regulations on speed and direction of airflow away from operators must be observed. Keep containers closed when not in use.

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### SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

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<b>Physical state:</b>	Clear colourless to slight amber, low viscosity liquid with ammoniacal odour.
<b>Boiling Point:</b>	> 100 °C
<b>Flash Point:</b>	50°C
<b>Melting Point:</b>	Not available
<b>Specific gravity:</b>	1.94
<b>pH (1:1 water mixture):</b>	> 12
<b>Solubility in water:</b>	Insoluble (Hydrophobic)
<b>Flammability:</b>	
<b>Lower Limit:</b>	Not applicable
<b>Higher Limit:</b>	Not applicable
<b>Vapor pressure:</b>	Not determined

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### SECTION 10 – CHEMICAL STABILITY & REACTIVITY INFORMATION

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**Hazard of use/storage:** Stable under normal storage and application temperature.

**Materials to avoid:** Keep away from oxidizing agents, acids and alkalis.

**Hazardous decomposition products:** Oxides of carbon and other possibly toxic fumes from fire.

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### SECTION 11 – TOXICOLOGICAL INFORMATION

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**Acute Health effects:**

**Eye:** Corrosive. May cause permanent damage to the eye.

**Skin:** Corrosive. Prolonged exposure may cause dermatitis or sensitization.

**Inhaled:** Harmful by inhalation. Irritant to the respiratory tract.

**Ingestion:** Harmful if swallowed. [Oral, rat LD50 > 1000mg/kg]

**Chronic effects:** Susceptible individuals may develop allergic reactions such as dermatitis or asthma like symptoms on a single significant skin exposure or may become sensitized to the material on repeated contact. Corrosive to eyes and skin. May cause sensitization by skin contact or inhalation.

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### SECTION 12 – ECOLOGICAL INFORMATION

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**Ecotoxicity:** No data is available for this material

**Persistence/Degradability:** No data is available for this material

**Mobility:** No data is available for this material

**Environ. Protection:** Do not discharge into sewers or waterways

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### SECTION 13 – DISPOSAL CONSIDERATIONS

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**Disposal Methods:**

**State/Territory authority:** Observe all Federal, State and Local regulations

**Dispose:** Secure landfill.

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**Dispose:** In high temp incinerator.

**Precautions for clean up crew:** Full protective clothing as per personal protect. in section 8

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### SECTION 14 – TRANSPORT INFORMATION

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<b>UN number:</b>	1263
<b>Dangerous goods class:</b>	3
<b>Subsidiary risk:</b>	None allocated
<b>Shipping name:</b>	Paint
<b>Packing group:</b>	III
<b>Poisons schedule:</b>	5
<b>Hazchem code:</b>	3Y

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### SECTION 15 – REGULATORY INFORMATION

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**SUSDP Schedule (Aust):** 5

**Australian Inventory (AICS):** Listed

**Control Scheduled Carcinogenic Substances:** No listed substance

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### SECTION 16 – OTHER INFORMATION

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Material Safety Data Sheets are updated regularly. Please ensure you have a current copy. MSDS can be obtained from our website: [www.envirosystems.com.au](http://www.envirosystems.com.au)

The MSDS should be used to assist in the Risk Management. Many other factors determine whether the reported Hazards are risks in any given workplace. Specific Risks may be determined by reference to various Exposure Scenarios, Scale of use, Frequency of use and current or available engineering controls must be considered.

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**Emergency Telephone:** Info Safe – 1800 638 556, Poisons Centre – 131126