

Material Safety Data Sheet

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Issue Date : January 2008

Issued by: A. & I. Coatings

Product Name : **ENVIROTHANE E2100 PACK A**

Classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

Product Name	ENVIROTHANE E2100 Pack A
Product Use	ENVIROTHANE E2100 PASTEL Pack A is water based pigmented component of a two part epoxy coating. It is mixed with ENVIROTHANE E2100 Pack B, 1:1 by volume, and applied by brush, roller or spray to surfaces. ENVIROTHANE E2100 CLEAR OR CLEAR BASED COLOUR Pack A is water based pigmented component of a two part epoxy coating. It is mixed with ENVIROTHANE E2100 Pack B, 1:2 by volume, and applied by brush, roller or spray to surfaces.
Company Name	Architectural and Industrial Coatings (ABN: 48 183 706 679)
Address	7 Lackey Road, MOSS VALE NSW 2577 AUSTRALIA
Emergency Tel.	A/H. 02 4868 1038
Telephone No./Fax.	Tel: 02 4869 1441 Fax: 02 4869 3031

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	Name	CAS No.	Proportion
	White Pigment/Extenders	Not Known	30 - 60%
	Epoxy Resin	25068-38-6	30 - 60%
	Water	7792-18-5	30 - 60%
	Additives	Not Known	1 - 10%

3. HAZARDS IDENTIFICATION

This product is only used when mixed with Pack B, therefore also consult Material Safety Data Sheet for ENVIROTHANE E2100 Pack B.
Irritating to eyes and skin.

4. FIRST AID MEASURES

Health Effects-Acute	
Swallowed	May be harmful if swallowed. May cause irritation to mouth, throat and stomach.
Eyes	Risk of serious damage to eyes.
Skin	Irritating to the skin.
Inhalation	Practically non-harmful by inhalation.
Health Effects-Chronic	
Skin	Repeated or prolonged exposure may cause sensitisation to skin.
First Aid	
Swallowed	If swallowed and only if the person is conscious, give two glasses of water to drink. DO NOT INDUCE VOMITING.
Eyes	If splashed into eyes, irrigate copiously with water for at least 15 minutes. Seek immediate medical attention.
Skin	If skin contact occurs, remove contaminated clothing and wash thoroughly with soap and water. Seek medical attention if any irritation occurs.
Inhalation	Remove the victim to the fresh air. Keep the victim warm and quiet until all symptoms subside.
First Aid Facilities	Clean water supply, barrier cream, soap, and eye wash stations.
Advice to Doctor	If poisoning occurs, contact Poison Information Centre. (131 126)

5. FIRE FIGHTING MEASURES

Extinguishing Media	CO ₂ , dry chemical foam, water fog. Non-flammable liquid. Will not burn in a fire. NO SMOKING during the application period.
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6. ACCIDENTAL RELEASE MEASURES

If possible contain the spill. Place inert absorbent such as vermiculite, sand or dirt onto material. Prevent run off into drains and waterways.
If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Storage	Containers should be clearly labelled, rigid and strong. Store upright in a cool, dry, well ventilated area away from all heat and direct sunlight.
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8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Information	There is no known exposure standard for the active ingredient for this product.
Personal Protective Equipment	
Clothing	The wearing of cotton overalls is recommended during the application period (AS2929).
Gloves	The wearing of PVC or Neoprene gloves is recommended during the application period (AS2767).
Eyes	The wearing of safety glasses fitted with side shields or chemical splash goggles is recommended during the application period. Do not wear contact lenses (AS-NZS 1337).
Respiratory Equipment	If the ventilation is inadequate it is advisable to wear a Type K Class 2 respirator during the application period (AS-NZS 1715/1716).
Footwear	The wearing of enclosed safety boots is recommended during the application period (AS-NZS 2210).
Protective Equipment	Avoid breathing the vapour. Avoid contact with skin and eyes. It is advisable to wear the recommended personal protective equipment as described in this Material Safety Data Sheet.
Hygiene Measures	Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White or coloured liquid
Odour	Not available
Boiling Point	100°C
Melting Point	Not applicable
Solubility in Water	Miscible
Solubility in Organic Solvent	Not available
Specific Gravity (H₂O = 1)	1.4
pH Value	Not applicable
Vapour Pressure	1
Vapour Density (Air = 1)	Not available
Evaporation Rate	Not available
Viscosity	Not available
Volatile Component	Not available
Flash Point	Not available
Flammability	Non-flammable liquid. Will not burn in a fire.
Ignition temperature	Not available
Flammable Limits LEL	Not available
Flammable Limits UEL	Not available

10. STABILITY AND REACTIVITY

Stability	Stable under normal use conditions.
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11. TOXICOLOGICAL INFORMATION

Toxicology Information	No LD50 data available for this product.
Eyes	Risk of serious damage to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.
Skin	Irritating to the skin.

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12. ECOLOGICAL INFORMATION

Environmental Protection Harmful to aquatic organisms, may cause long term adverse effects to the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Keep unwanted residues in labelled and sealed containers for disposal via special waste collection services.

14. TRANSPORT INFORMATION

Deemed as Non-Dangerous Goods in accordance with current edition of "Australian Code for the Transport of Dangerous Goods by Road and Rail".

U.N. Number Not required
Proper Shipping Name Not required
DG Class Not required
Hazchem Code Not required
Packaging Group Not required
EPG Number Not required
IERG Number Not required

15. REGULATORY INFORMATION

Hazard Category Classified as a Hazardous Substance in accordance to the criteria of WORKSAFE-NOHSC documents.
Risk Phrase R38 - Irritating to eyes.
R41 Risk of serious damage to eyes.
R52/53 Harmful to aquatic organisms in event of major spill.
Safety Phrases S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 After contact with the skin, wash immediately with plenty of water.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
Poisons Schedule S5
Hazard Category Hazardous substance in accordance to the criteria of Worksafe-NOHSC Documents.

16. OTHER INFORMATION

Contact Person/Point EMERGENCY INFORMATION CONTACT: Mr Peter Gillies:

02 4869 1441 (BH)

02 4868 1038 (AH)

End of MSDS

This information is, as of this date, true and accurate to the best of A & I Coatings' knowledge. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. Actual conditions of use and handling may require consideration of information other than or in addition to that provided here in.