

Material Safety Data Sheet

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P234

Issue Date : July 2009

Issued by: A. & I. Coatings

Product Name : **ENVIROTHANE 4111 PACK A - TWO PACK CLEAR SOLVENT FREE EPOXY COATING**

Classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

Product Name	ENVIROTHANE 4111 Pack A - TWO PACK CLEAR SOLVENT FREE EPOXY COATING
Product Use	Envirothane 4111 Pack A is a CLEAR component of a two part epoxy coating. It is mixed with Envirothane 4111 Pack B, 2:1 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, N.S.W. 2577 AUSTRALIA
Emergency Tel.	A/H. 02 4868 1038 (M): 0439 602 243
Telephone No. /Fax	Tel: 02 4869 1441 Fax: 02 4869 3031

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	Name	CAS No.	Proportion
	Extenders	Not Known	0 - 30%
	Epoxy Resin	25068-38-6	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 E4111** Pack B.
May be harmful if swallowed. May cause irritation to mouth, throat and stomach.
May be harmful by inhalation. Causes irritation to respiratory tract. Symptoms may include headache and nausea.
Irritating to eyes and skin.

4. FIRST AID MEASURES

Swallowed	If swallowed, and if the person is conscious, give two glasses of water to drink. Seek immediate medical advice. DO NOT INDUCE VOMITING. Do not give anything by mouth to an unconscious person.
Inhalation	Remove victim to fresh air. Keep the victim warm and quiet until all symptoms subside.
Skin	If skin or hair contact occurs remove contaminated clothing and wash contaminated skin and hair with plenty of soap and running water. Wash contaminated clothing before re-use. Seek medical attention if any irritation.
Eyes	If contact with the eye(s) occurs wash eyes with running water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.
First Aid Facilities	Clean water supply, barrier cream, soap, and eye wash stations.
Advice to Doctor	Treat symptomatically. For advice, contact a Poisons Information Centre Australia 131 126

5. FIRE FIGHTING MEASURES

Extinguishing Media CO₂, dry chemical, foam, water fog.

6. ACCIDENTAL RELEASE MEASURES

For all spills, absorb onto sand, earth or sawdust. Increase ventilation. Wear self-contained breathing apparatus (S.C.B.A.) and full protective clothing to minimize skin and eye exposure. If possible contain the spill. Prevent run off into drains and waterways. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. Mop up the remaining material and place into the same container. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

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7. HANDLING AND STORAGE

Storage Regulations Storage in accordance with national regulations. Containers should be clearly labelled, rigid and strong, stored upright in a cool, dry, well ventilated area away from all heat and direct sunlight. For information on the design of the storeroom reference should be made to Australian Standard A.S.1940. "The storage and handling of flammable and combustible liquids." Reference should also be made to any relevant Commonwealth, State or Territory regulations.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Information There is no known exposure standard for the active ingredient for this product.

Clothing The wearing of cotton overalls is recommended during the application period (AS2919).

Gloves The wearing of PVC or Neoprene gloves is recommended during the application period (AS2161).

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.

Eng. Controls Ensure there is adequate ventilation during the application period.

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 Clear Liquid

Boiling Point >120°C

Melting Point Not applicable

Solubility in Water Insoluble in water

Specific Gravity (H₂O = 1) 1.4

pH Value Not applicable

Vapour Pressure 1 (Water = 1)

Vapour Density Heavier than air

Evaporation Rate Not available

Viscosity Not available

Volatile Component Not available

Ignition Temperature Not available

Flammable Limits LEL Not available

Flammable Limits UEL Not available

10. STABILITY AND REACTIVITY

Stability Stable under normal use conditions.

Hazardous Will not occur.

Polymerization

11. TOXICOLOGICAL INFORMATION

Toxicology No toxicity data is available for this specific product.

Skin Contact with skin will result in irritation.

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Eyes Risk of serious damage to eyes.

12. ECOLOGICAL INFORMATION

Environmental Protection Harmful to aquatic organisms. May cause long term adverse effects to the aquatic environment. Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Disposal should be in accordance with the relevant Local, State and Federal Government regulations. The recommended method is controlled incineration by an approved agent.
Advise flammable nature.

14. TRANSPORT INFORMATION

U.N. Number 1866
Proper Shipping Name RESIN SOLUTION
Hazchem Code 3Z
Packaging Method Pool, 1BC03, LPol
Packaging Group III
EPG Number 3082

15. REGULATORY INFORMATION

Risk Phrase **R38** Irritating to skin.
R36 Irritating to eyes.
R52/53 Harmful to aquatic organisms, may cause long term adverse effects to the aquatic environment.

Safety Phrase **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 protective clothing, gloves and eye/face protection.

Poisons Schedule **S5**
Hazard Category Classified as a 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) or (M) 0439 602 243

Mr. Michael Gillies
02 6352 1525 (BH) or (M) 0408 099 145

... 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 herein.