

Material Safety Data Sheet

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P066

Issue Date : May 2007

Issued by: SEALEX IND.

Product Name : **SEALEX EP 450 PACK A - TWO PACK HIGH BUILD EPOXY COATING**

Classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

| | |
|-------------------------------|---|
| Product Name | SEALEX EP 450 Pack A - TWO PACK HIGH BUILD EPOXY COATING |
| Product Use | EP 450 Pack A is a pigmented component of a two part epoxy coating. It is mixed with SEALEX EP 450 Pack B, 3:1 by volume and applied by brush, roller or spray to surfaces. |
| Company Name | SEALEX INDUSTRIES |
| Address | 5 BALOOK DR BERESFIELD NSW 2322 |
| Emergency Tel. | 0437 015 309 |
| Telephone Number / Fax | Tel: 1300 555 955 Fax: 1300 855 598 |

2. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredients | Name | CAS No. | Proportion |
|-------------|-------------------------|------------|------------|
| | White Pigment/Extenders | Not Known | 30 - 60% |
| | Epoxy Resin | 25068-38-6 | 30 - 60% |
| | Aromatic Petroleum | 64742-95-6 | 10 - 15% |
| | Additives | Not Known | 1 - 10% |

3. HAZARDS IDENTIFICATION

Highly flammable.
This product is only used when mixed with Pack B, therefore also consult Material Safety Data Sheet for SEALEX EP 450 Pack B.
Harmful if swallowed.
Harmful by inhalation.
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 | CO ₂ , dry chemical, foam, water fog. |
| Specific Methods | Highly flammable liquid. Keep containers cool with water spray |

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 Coloured Liquid

Boiling Point >120°C

Melting Point Not applicable

Solubility in Water Insoluble in water

Specific Gravity 1.4
(H₂O = 1)

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

Flash Point 45°C

Flammability FLAMMABLE LIQUID - Keep away from sources of ignition - No smoking. This product should be stored and used in a well ventilated area away from naked flames, sparks and other sources of ignition. Electrically link and ground metal containers for transfers of the product to prevent accumulation of static electricity. Keep container tightly closed.

Ignition Temperature Not available

Flammable Limits Not available

LEL

Flammable Limits Not available

UEL

10. STABILITY AND REACTIVITY

Stability Stable under normal use conditions.

Hazardous Will not occur.

Polymerization

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11. TOXICOLOGICAL INFORMATION

Toxicology No toxicity data is available for this specific product.
Skin Contact with skin will result in irritation.
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

This material is a Class 3 - Flammable Liquid according to The Australian Code for the Transport of Dangerous Goods by Road and Rail.

UN-No : 1866
Class : 3 Flammable Liquid
Hazchem code : 3[Y]
Packaging group : Packaging Group III
Proper Shipping Name : RESIN SOLUTION
Segregation Dangerous Goods :

Class 3 - Flammable Liquids are incompatible in a placard load with any of the following:

- Class 1, Explosives
- Class 2.1, Flammable Gases, if both the Class 3 and Class 2.1 dangerous goods are in bulk
- Class 2.3, Toxic Gases
- Class 4.2, Spontaneously Combustible Substances
- Class 5.1, Oxidising Agents and Class 5.2, Organic Peroxides
- Class 6, Toxic Substances (where the flammable liquid is nitromethane)
- Class 7, Radioactive Substances.

U.N. Number 1866
Proper Shipping Name RESIN SOLUTION
DG Class 3 Flammable Liquid
Hazchem Code 3[Y]
Packaging Method
Packaging Group III
EPG Number
IERG Number

15. REGULATORY INFORMATION

Risk Phrase R38 Irritating to skin.
R41 Risk of serious damage 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: 1300555955 0437 015 309
... End of MSDS ...

This information is, as of this date, true and accurate to the best of SEALEX INDUSTRIES' 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.

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Issue Date : May 2007

Issued by: SEALEX IND.

Product Name : **SEALEX EP 450 PACK B - TWO PACK HIGH BUILD EPOXY COATING**

Classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

| | |
|-------------------------------|---|
| Product Name | SEALEX EP 450 Pack B - TWO PACK HIGH BUILD EPOXY COATING |
| Product Use | EP 450 Pack B is a component of a two part epoxy coating. It is mixed with SEALEX EP 450 Pack A, 3:1 by volume and applied by brush, roller or spray to surfaces. |
| Company Name | SEALEX INDUSTRIES |
| Address | 5 BALOOK DR BERESFIELD NSW 2322 |
| Emergency Tel. | 0437 015 309 |
| Telephone Number / Fax | Tel: 1300 555 955 Fax: 1300 855 598 |

2. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredients | Name | CAS No. | Proportion |
|-------------|---------------------|-------------|------------|
| | Benzol Alcohol | 100-51-6 | 30 - 60% |
| | Cyclohexylamine | 1761-71-3 | 1 - 5% |
| | Benzanamine Polymer | 135108-88-2 | 30 - 60% |

3. HAZARDS IDENTIFICATION

Highly flammable.
This product is only used when mixed with Pack A, therefore also consult Material Safety Data Sheet for SEALEX EP 450 Pack A.
Harmful if swallowed.
May cause irritation to the Respiratory tract.
Irritating to the eyes.
May cause sensitisation and irritation to the skin.
Repeated and prolonged absorption may cause headaches and nausea.

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 occurs. |
| 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 | CO ₂ , dry chemical, foam, water fog. |
| Specific Methods | Non-flammable liquid. |

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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Classified as hazardous according to criteria of NOHSC

7. HANDLING AND STORAGE

Storage 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

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 Yellow Liquid

Boiling Point 200°C

Melting Point Not applicable

Solubility in Water Miscible

Specific Gravity (H₂O = 1) 1.00

pH Value Not applicable

Vapour Pressure <0.09kfa @ 21°C

Vapour Density (Air = 1)

Evaporation Rate Not available

Viscosity Not available

Volatile Component Not available

Flash Point

Flammability NON-FLAMMABLE LIQUID No smoking during application period. This product should be stored and used in a well ventilated area.

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.

Eyes May cause sensitisation by skin contact.

Swallowed May cause irritation to mouth throat and stomach if ingested.

Inhalation May cause irritation to respiratory tract.

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Product Name : **SEALEX EP 450 PACK B - TWO PACK HIGH BUILD EPOXY COATING**

Classified as hazardous according to criteria of NOHSC

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

14. TRANSPORT INFORMATION

This material is a Non-Flammable Liquid according to The Australian Code for the Transport of Dangerous Goods by Road and Rail. Not a dangerous goods under ADG code

UN-No : Not required

Class : Not required

Hazchem code : Not required

Packaging group : Not required

Proper Shipping Name : Not required

Segregation Dangerous Goods :

Class 3 - Flammable Liquids are incompatible in a placard load with any of the following:

- Class 1, Explosives

- Class 2.1, Flammable Gases, if both the Class 3 and Class 2.1 dangerous goods are in bulk

- Class 2.3, Toxic Gases

- Class 4.2, Spontaneously Combustible Substances

- Class 5.1, Oxidising Agents and Class 5.2, Organic Peroxides

- Class 6, Toxic Substances (where the flammable liquid is nitromethane)

- Class 7, Radioactive Substances.

U.N. Number Not required

Proper Shipping Name Not required

DG Class Not required

Hazchem Code Not required

Packaging Method Not required

Packaging Group Not required

EPG Number Not required

IERG Number Not required

15. REGULATORY INFORMATION

Risk Phrase R20/22 Harmful by inhalation and in contact with skin

R36 Irritating to eyes.

R38 Irritating to skin.

R43 May cause long term adverse effect to the aquatic environment.

Safety Phrase S2 Keep out of the reach of children.

S20 When using do not eat or drink.

S38 In case of insufficient ventilation, wear suitable respiratory equipment.

Poisons Schedule S5

Hazard Category Non-flammable liquid. Not a dangerous goods under Australian Dangerous Goods Code.

16. OTHER INFORMATION

Contact Person/Point EMERGENCY INFORMATION CONTACT: 0437 015 309
1300 555 955

... End of MSDS ...

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