

**CERAMIC TILE
ADHESIVES
& GROUTS****Dribond**WATERPROOFING PRODUCTS
FOR CONCRETE AND MASONRY

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Ph (603) 51222522
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Issued 23/03/1998

Revised 01/07/2010

Code: Red

IDENTIFICATIONProduct Name: **EPESHIELD - PART A**UN Number: Free
Dangerous Goods Class: None Allocated
Subsidiary Risk Class: Not Listed
Hazchem Code: None Allocated
Packaging Group: None Allocated
Poisons Schedule: 5

Use: Resin component of an epoxy chemical resistant coating.

Classified as hazardous according to criteria of Worksafe Australia.**Physical Description/Properties**Appearance: Light amber liquid, medium viscosity, slight odour
Boiling Point (°C): No specific data, expected to decompose before boiling
Vapour Pressure(kPa): 0.06 mm Hg @ 21 °C
Specific Gravity: 1.16 @ 20°C
Flash Point(°C): 177 °C
Flammability Limits: Lower 1.8%, upper 6.9% (diacetone alcohol)
Solubility in Water: Essentially insoluble**Ingredients**

| | CAS No. | Proportion |
|---------------------------------|----------------|-------------------|
| Diglycidyl ether of Bisphenol A | 25085-99-8 | 60 - 70 % |
| Diglycidyl ether of Bisphenol F | 28064-14-4 | 15 - 20 % |
| Alkyl glycidyl ether | 68609-97-2 | 10 - 15 % |

HEALTH HAZARD INFORMATION**Health Effects - Acute****Swallowed** - Only very slightly toxic (oral, Rat LD50) > 5000 mg/kg**Eye** - This product is irritating to the eyes. Prolonged or repeated contact with eyes may result in long lasting or permanent corneal damage**Skin** - This product is irritating to the skin and may cause moderate to severe itchiness, blistering or skin reddening. This product is a skin sensitizer..**Inhaled** - Slightly irritant to susceptible individuals.**Health Effects - Chronic**

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.

First Aid**Swallowed** - Do not induce vomiting. Give a glass of water to drink. Seek medical assistance.**Eye** - Hold eye open. Flood with water for at least 15 minutes. See a doctor.**Skin** - Remove contaminated clothing. Wash affected skin areas with soap and water. Do not use solvents. If irritation persists, seek medical attention.**Inhalation** - Remove to fresh air. If breathing is difficult, give oxygen.**Advice to Doctors** No specific antidote. Treat symptomatically

PRECAUTIONS FOR USE

Exposure Limits - TLV : Worksafe 10 mg/m³
STEL : None Established

Ventilation - Avoid exceeding exposure limits. Use in well ventilated area.

Personal Protection - Avoid prolonged contact with skin and eyes. It is recommended to use protective goggles, protective gloves (PVC/Rubber/Butyl Rubber/Nitrile Rubber) and protective clothing which all comply with relevant Australian Standards. If prolonged exposure is anticipated or susceptible to breathing disorders wear mask conforming to AS 1715, 1716.

Flammability - Product is not flammable.

SAFE HANDLING INFORMATION

Storage and Transport - Not classified as a dangerous good for transport by road or rail according to the Australian Dangerous Goods Code. Not classified as a dangerous good for storage. Keep containers tightly sealed. Store in a cool dry area. No special packaging or labelling requirements for storage or transport. Incompatible DG classes 5.1,5.2

Spills and Disposal - In case of spill, wear personal protection as indicated above. Spilt material should be absorbed into dry, inert material (sand), which then can be put into appropriately labelled drums. The waste material can be disposed of by incineration by an approved agent according to local regulations.

Fire/Explosion Hazard - Product is **not flammable** and therefore does not need to be handled, used or stored in a flame proofed area. Hazardous decomposition products are not expected.

All information in this data sheet is as accurate and up-to-date as possible. Since Construction Chemicals cannot anticipate or control the conditions under which this information may be used, each user should review the information in the specific context of the intended application. Construction Chemicals will not be responsible for damages of any nature resulting from use of or reliance upon the information.

MATERIAL SAFETY DATA SHEET

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Product Name: **EPESHIELD WHITE - PART B**

UN Number: Free
Dangerous Goods Class: None Allocated
Subsidiary Risk Class: Not Listed
Hazchem Code: None Allocated
Packaging Group: None Allocated
Poisons Schedule: 5

Use: Resin component of an epoxy chemical resistant coating.

Classified as hazardous according to criteria of Worksafe Australia.

Physical Description/Properties

Appearance: White liquid, medium viscosity, slight odour
Boiling Point (°C) : >100 °C
Vapour Pressure(kPa): 15 mm Hg @ 21 °C
Specific Gravity: 1.10 @ 20°C
Flash Point(°C): >100 °C
Flammability Limits: No Data
Solubility in Water: Completely

Ingredients

| | CAS No. | Proportion |
|---|-----------|------------|
| Polyamine – Epoxy Resin Adduct | 231-791-2 | >30 % |
| Polyamine – Epoxy Resin Adduct Emulsion | 7732-18-5 | 10 - 15 % |
| Inorganic Pigment | | <20% |
| Water | | to 100 % |

HEALTH HAZARD INFORMATION

Health Effects – Acute – R41 Risk of serious damage to eyes.

R22 – Harmful if swallowed.

Swallowed - Toxic (oral, Rat LD50) > 500 mg/kg

Eye – This product causes severe irritation to the eyes. Prolonged or repeated contact with eyes may result in long lasting or permanent corneal damage

Skin – This product is irritating to the skin and may cause moderate to severe itchiness, blistering or skin reddening. This product is a skin sensitizer..

Inhaled - Slightly irritant to susceptible individuals.

Health Effects - Chronic

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.

First Aid

Swallowed – Call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel..

Eye - Hold eye open. Flood with water for at least 15 minutes. See a doctor.

Skin - Remove contaminated clothing. Wash affected skin areas with soap and water. Do not use solvents. If irritation persists, seek medical attention.

Inhalation - Remove to fresh air. If breathing is difficult, give oxygen. Seek medical advice.

Advice to Doctors No specific antidote. Treat symptomatically

| |
|----------------------------|
| PRECAUTIONS FOR USE |
|----------------------------|

Exposure Limits - TLV : None Established
STEL : None Established

Ventilation - Avoid breathing vapour.. Use in well ventilated area.

Personal Protection - Avoid prolonged contact with skin and eyes. It is recommended to use protective goggles, protective gloves (PVC/Rubber/Butyl Rubber/Nitrile Rubber) and protective clothing which all comply with relevant Australian Standards. If prolonged exposure is anticipated or susceptible to breathing disorders wear mask conforming to AS 1715, 1716.

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