

# CONSTRUCTION CHEMICALS

## CERAMIC TILE ADHESIVES & GROUTS

# Dribond

WATERPROOFING PRODUCTS  
FOR CONCRETE AND MASONRY

### WEB SITE

[www.constructionchemicals.com.au](http://www.constructionchemicals.com.au)

Adelaide  
135 Cormack Rd  
Wingfield S.A. 5013  
Ph: (08) 82437888  
Fax: (08) 82437800  
Email  
[admin@constructionchemicals.com.au](mailto:admin@constructionchemicals.com.au)

ABN 66 008 091 503

Brisbane  
45 Coulson Street  
Wacol Qld 4076  
Ph (07) 32712944  
Fax (07) 32713892  
Email  
[conchem.qld@bigpond.com.au](mailto:conchem.qld@bigpond.com.au)

Melbourne  
11 Gabrielle Court  
Bayswater North Vic 3153  
Ph (03) 97614711  
Fax (03) 97614748

Perth  
11 Collie Road  
Welshpool W.A. 6106  
Ph (08) 93569999  
Fax (08) 93569955

Sydney  
2 / 31-33 Newton Road  
Wetherill Park N.S.W. 2164  
Ph (02) 97563533  
Fax (02) 97563534

Auckland  
16 Carpenter Road  
East Tamaki N.Z.  
Ph (09) 2735444  
Fax 0800266236

Kuala Lumpur  
Lot 2 Jalan Kecepi,  
33/2 Elite Industrial Estate  
Off Jalan Bukit Kemuning  
40000 Shah Alam  
Ph (603) 51222522  
Fax (603) 51222526

## MATERIAL SAFETY DATA SHEET

Issued 9/10/2000  
Revised 01/07/2010  
Code Amber

### IDENTIFICATION

Product Name: **EPEGROUT - 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 grout.

**Classified as hazardous according to criteria of Worksafe Australia.**

### Physical Description/Properties

Appearance: White liquid, low viscosity, slight odor  
Boiling Point (°C) : 100°C (water)  
Vapour Pressure(kPa): 1  
Specific Gravity: 1.3 @ 20°C  
Flash Point(°C): >138 °C  
Flammability Limits: None  
Solubility in Water: Miscible

### Ingredients

Proportion	CAS No.	
Bisphenol A Epoxy Resin	25068-38-6	40 - 45 %
Cresyl Glycidyl Ether	26447-14-3	25 %
Epichlorohydrin	106-89-8	trace
Ingredients determined not hazardous		3 - 5 %
Water		to 100 %

### HEALTH HAZARD INFORMATION

#### Health Effects - Acute

**Swallowed** - Only very slightly toxic ( oral, Rat LD50) > 5000 mg/kg

**Eye** - Prolonged or repeated contact with eyes may result in irritation.

**Skin** - Adverse effects are not expected from a single, brief contact with this product. Prolonged or frequent repeated skin contact may result in slight irritation.

**Inhaled** - Slightly irritant to susceptible individuals.

#### Health Effects - Chronic

May cause sensitisation in susceptible individuals by skin contact. Allergic response and as dermatitis or asthma like symptoms may occur after a single significant exposure and sensitisation may occur on a single or multiple minor exposures.

If cured material made using this product is to be cut or sanded, ensure an appropriate dusk mask (class P1, disposable) is worn. In addition industrial safety glasses or goggles should also be worn.

**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.

**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 2ppm, 7.6 mg/m<sup>3</sup> ( Epichlorohydrin, skin )  
STEL : None Established

Epoxy resins are manufactured using a component called Epichlorohydrin after polymerisation has ceased small trace quantities can remain. Epichlorohydrin is classified as a category 2 carcinogen by Worksafe Australia therefore exposure must be kept to a minimum.

**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 labeling 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 labeled 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.

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Bayswater North Vic 3153  
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33/2 Elite Industrial Estate  
Off Jalan Bukit Kemuning  
40000 Shah Alam  
Ph (603) 51222522  
Fax (603) 51222526**MATERIAL SAFETY DATA SHEET**

Issued 01/10/2001

Revised 01/07/2010

Code Amber

**IDENTIFICATION**Product Name: **EPEGROUT - 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: Hardener component of an epoxy grout.**Classified as hazardous according to criteria of Worksafe Australia.****Physical Description/Properties**Appearance: Brown liquid, high viscosity, slight odor  
Boiling Point (°C) : 100°C (water)  
Vapour Pressure(kPa): <0.01 Pa @ 20°C  
Specific Gravity: 1.0 @ 20°C  
Flash Point(°C): >200 °C  
Flammability Limits: None  
Solubility in Water: Miscible

<b>Ingredients</b>	<b>CAS No.</b>	<b>Proportion</b>
Tetraethylenepentamine	112-57-2	10 - 20 %
Tri(Dimethylaminomethyl)Phenol	90-72-2	2 - 5 %
Ingredients determined not hazardous		20 - 25 %
Water		to 100 %

**HEALTH HAZARD INFORMATION****Health Effects - Acute****Swallowed** - Only very slightly toxic ( oral, Rat LD50) > 5000 mg/kg**Eye** - Prolonged or repeated contact with eyes may result in irritation.**Skin** - Moderately irritant.**Inhaled** - Slightly irritant to susceptible individuals.**Health Effects - Chronic**

May cause sensitisation in susceptible individuals by skin contact. Allergic response and as dermatitis or asthma like symptoms may occur after a single significant exposure and sensitisation may occur on a single or multiple minor exposures.

If cured material made using this product is to be cut or sanded, ensure an appropriate dusk mask (class P1, disposable) is worn. In addition industrial safety glasses or goggles should also be worn.

**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.

**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 : None Established  
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 complying to AS 2161) and protective clothing which all comply with relevant Australian Standards. Apply barrier cream to exposed skin areas. 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 flameproofed area. Hazardous decomposition products are not expected.

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**MATERIAL SAFETY DATA SHEET**

Issued 09/10/2000  
Revised 01/07/2010  
Code: Amber

**IDENTIFICATION**

Product Name: **EPEGROUT POWDER**  
UN Number: None Allocated  
Dangerous Goods Class: None Allocated  
Subsidiary Risk Class: Not Listed  
Hazchem Code: None Allocated  
Packaging Group: None Allocated  
Poisons Schedule: None Allocated  
Use: For grouting between tiles.

**Not classified as hazardous according to criteria of Worksafe Australia.**

**Physical Description/Properties**

Appearance: A coloured finely divided cement type powder  
Boiling Point (°C) : Not Applicable  
Vapour Pressure(kPa): Not Applicable  
Specific Gravity: 3  
Flash Point(°C): Not applicable  
Flammability Limits: Not applicable  
Solubility in Water: Only slight

**Ingredients**

Proprietary blend of Cement, Sand, Inorganic Oxide Pigments and ingredients determined not hazardous  
Caution: contains cement which contains silica

**HEALTH HAZARD INFORMATION**

**Health Effects**

**Swallowed** - Classified as an inert nuisance dust. Exposure can irritate skin, eyes and mucous membrane.

**Eye** - In dust form may cause inflammation of the cornea.

**Skin** - Irritant when wet which can dry the skin and cause alkali burns. Slight possibility of causing dermatitis.

**Inhaled** - As a dust can irritate mucous membrane.

**First Aid**

**Swallowed** - Wash mouth and lips with water and seek medical attention

**Eye** - Irrigate with copious quantities of water. If soreness or redness persists, seek medical attention.

**Skin** - Wash off with tepid soap and water. Remove contaminated clothing and launder before re-use.

**Inhalation** - Move to fresh air, wash with water and seek medical attention if effects persist.

### PRECAUTIONS FOR USE

**Exposure Limits** - Classified as an inert nuisance dust.

**Ventilation** - Where practical, suitable means of dust extraction should be applied as necessary to maintain acceptable levels. Persons with a history of respiratory illness or reduced pulmonary function should avoid work places with high dust levels.

**Personal Protection** - In dusty environments, the use of filter masks complying with AS1716 ( class L ) and tight fitting goggles is advised. Use of barrier creams or impervious gloves, boots and clothing to protect skin from contact with dust and wet product is recommended.

**Flammability** – Epegrout Powder is not combustible.

### SAFE HANDLING INFORMATION

**Storage and Transport** - Product should be stored in a dry place and protected from ingress of moisture, as this will cause it to harden in storage.

**Spills and Disposal** - Spills may be cleaned up by any dry method such as broom, shovel or vacuum device. Take care to minimise dust. Clean up personnel should wear full cover clothing, gloves, boots, dust masks and goggles.

**Fire/Explosion Hazard** – Epegrout Powder poses no hazard.

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