



# Material Safety Data Sheet

Infosafe No. LPT94 Issue Date : April 2007 ISSUED by PARCHEMC

Product Name : FOSROC CONBEXTRA EP120 BASE

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** FOSROC CONBEXTRA EP120 BASE  
**Company Name** Parchem Construction Products Pty Ltd (ABN 80 069 961 968)  
**Address** 7 Lucca Road Wyong  
NSW 2259 Australia  
**Emergency Tel.** 1800 638 556  
**Telephone/Fax Number** Tel: 02 4350 5000  
Fax: 02 4351 2024  
**Recommended Use** Base component of epoxy grout  
**Other Information** This MSDS summaries at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Parchem Construction Products Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.  
If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.  
  
[www.parchem.com.au](http://www.parchem.com.au)

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** HAZARDOUS SUBSTANCE.  
DANGEROUS GOODS.  
Hazard classification according to the criteria of NOHSC.  
Dangerous goods classification according to the Australia Dangerous Goods Code.

**Risk Phrase(s)** R36/38 Irritating to eyes and skin.  
R43 May cause sensitization by skin contact.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety Phrase(s)** S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S37/39 Wear suitable gloves and eye/face protection.  
S61 Avoid release to the environment. Refer to special instructions/safety data sheet.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Bisphenol A epoxy resin	25068-38-6	60-100 %
	C12-C14 Glycidyl ether	68609-97-2	10-30 %
	Ingredients determined not to be hazardous		10-30 %

## 4. FIRST AID MEASURES

**Inhalation** Remove the source of contamination or move the victim to fresh air. Apply artificial respiration if not breathing. If symptoms develop and persist, seek medical attention.

**Ingestion** Do NOT induce vomiting. Wash out mouth with water. Seek medical attention.

**Skin** Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. Seek medical attention.

**Eye** If contact with the eye(s) occur, wash with running water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. In all cases of eye contamination it is a sensible precaution to seek medical advice.



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**First Aid Facilities** Eye wash and normal washroom facilities.  
**Advice to Doctor** Treat symptomatically.  
**Other Information** For advice, contact a Poisons Information Centre (Phone eg Australia 131 126; New Zealand 0800 764 766) or a doctor (at once).

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Use carbon dioxide, dry chemical, foam or water mist.  
**Hazards from Combustion Products** Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.  
**Specific Hazards** Combustible liquid. This product will burn if exposed to fire.  
**Hazchem Code** 2X  
**Precautions in connection with Fire** Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode. Water spray may be used to keep fire exposed containers cool.

## 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures** Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unnecessary personnel. If possible contain the spill. Place inert absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling** Use in a well ventilated area. DO NOT store or use in confined spaces. Build up of mists or vapours in the atmosphere must be prevented. Avoid breathing in mists or vapours. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. Wear appropriate protection. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking, smoking or using toilet facilities.  
**Conditions for Safe Storage** Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents, foodstuffs, and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all State and Federal regulations.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards** No exposure standards have been established for this material by the Australian National Occupational Health & Safety Commission (NOHSC). However, as with all chemicals, exposure should be kept to the lowest possible levels.  
**Biological Limit Values** No biological limit allocated.  
**Engineering Controls** Use with good general ventilation. If mists or vapours are produced local exhaust ventilation should be used.  
**Respiratory Protection** If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapour/mist filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.



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<b>Eye Protection</b>	Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
<b>Hand Protection</b>	Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
<b>Body Protection</b>	Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Medium viscosity straw coloured liquid
<b>Odour</b>	Mild
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	>200°C
<b>Solubility in Water</b>	Insoluble
<b>Specific Gravity</b>	1.12 @23°C
<b>pH Value</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (Air=1)</b>	Not available
<b>Viscosity</b>	700-1100 cps @25°C
<b>Flash Point</b>	>150°C Closed Cup
<b>Flammability</b>	Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purposes of storage and handling, in accordance with the requirements of AS1940. This product should be stored and used in a well ventilated area away from naked flames, sparks and other sources of ignition.
<b>Auto-Ignition Temperature</b>	Not available
<b>Flammable Limits - Lower</b>	Not available
<b>Flammable Limits - Upper</b>	Not available

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Heat, flames and other ignition sources.
<b>Incompatible Materials</b>	Avoid contact with strong acids, strong bases, strong oxidisers and amines.
<b>Hazardous Decomposition Products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
<b>Hazardous Polymerization</b>	Will not occur.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	LD50(Oral, Rat): 10,000-11,400 mg/kg
<b>Inhalation</b>	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
<b>Ingestion</b>	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
<b>Skin</b>	Irritating to skin resulting in redness and itching. This product may cause sensitisation in some individuals.



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**Eye** Irritating to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.  
**Chronic Effects** Prolonged or repeated skin contact may lead to allergic contact dermatitis and sensitisation in some individuals.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
**Persistence / Degradability** Not available  
**Mobility** Not available  
**Environ. Protection** Prevent this material entering waterways, drains and sewers.

## 13. DISPOSAL CONSIDERATIONS

**Disposal Considerations** Dispose of waste according to federal, EPA and state regulations.

## 14. TRANSPORT INFORMATION

**Transport Information** This material is a Class 9 - Miscellaneous Dangerous Good according to The Australian Code for the Transport of Dangerous Goods by Road and Rail. These substances are incompatible in a placard load with any of the following:  
- Class 1, Explosives (when the class 9 substance is a fire risk substance),  
- Class 5.1, Oxidizing agents (when the class 9 substance is a fire risk substance), and  
- Class 5.2, Organic peroxides (when the class 9 substance is a fire risk substance).  
**U.N. Number** 3082  
**Proper Shipping Name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. - (CONTAINS: BISPHENOL A-EPOXY RESIN)  
**DG Class** 9  
**Hazchem Code** 2X  
**Packaging Method** 3.8.9  
**Packing Group** III  
**EPG Number** 9C1  
**IERG Number** 47

## 15. REGULATORY INFORMATION

**Poisons Schedule** S5  
**Hazard Category** Irritant, Dangerous for the environment

## 16. OTHER INFORMATION

**Date of preparation or last revision of MSDS** MSDS Created: April 2007  
**Contact Person/Point** Technical Support: 1800 812 864  
...End Of MSDS...