



Material Safety Data Sheet

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Infosafe No. LPT27 Issue Date : April 2005 ISSUED by PARCHEMC

Product Name : FOSROC NITOBOND EP BASE

Classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name FOSROC NITOBOND EP BASE
Product Use Base component of epoxy primer.
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 Tel: 02 4350 5000 Fax: 02 4351 2024
Number/Fax
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 term and conditions, a copy of which is sent to our customers and is also available upon request.

www.parchem.com.au

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Bisphenol-A epoxy resin	25068-38-6	60-100 %
	C12-C14 Alkyl glycidyl ether	68609-97-2	10-30 %
	Bisphenol F epoxy resin	9003-36-5	10-30 %
	Other ingredients determined not to be hazardous	Not required	Balance

3. HAZARDS IDENTIFICATION

Classified as Hazardous according to the criteria of NOHSC.
Classified as Dangerous Goods according to the ADG Code.

RISK PHRASES:

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 PHRASES:

S23 Do not breathe gas/fumes/vapour/spray
S24/25 Avoid contact with skin and eyes.
S28 After contact with skin, wash immediately with plenty of water and soap
S37/39 Wear suitable gloves and eye/face protection.
S61 Avoid release to the environment. Refer to special instructions/safety data sheet.

4. FIRST AID MEASURES

Inhalation Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. Apply artificial respiration if not breathing. Seek medical attention.

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



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Skin	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Wash contaminated clothing before re-use. If irritation occurs seek medical advice.
Eye	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
First Aid Facilities	Eye wash and normal washroom facilities.
Advice to Doctor	Treat symptomatically or consult a Poisons Information Centre (Phone 131 126).
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

Extinguishing Media	Use dry chemical powder, carbon dioxide or foam. Do NOT use water jets. Cool fire exposed containers with water spray.
Specific Hazards	Combustible substance. This product will burn if exposed to fire.
Hazardous Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide.
Precautions in connection with Fire	Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition. Increase ventilation. Wear appropriate breathing apparatus and full protective clothing to minimise skin and eye exposure. Do not dilute material but contain. Place inert, non-combustible absorbent material onto the spillage. Collect the material using clean non-sparking tools and place into a suitable labelled container for subsequent disposal. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Corrosiveness	Not corrosive to aluminium.
Handling	Repeated or prolonged contact with this material should be avoided in order to lessen the possibility of skin disorders. 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 or going to the toilet. Build-up of mists in the working atmosphere must be prevented.
Storage	Store in a cool, dry, well ventilated area, away from sources of ignition, oxidising agents and out of direct sunlight. Keep containers closed when not in use. Store in suitable, labelled containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	No exposure standards have been established for this material by the National Occupational Health And Safety Commission (NOHSC).
Respiratory Protection	If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependent upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.
Eye Protection	Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
Hand Protection	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.



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Body Protection	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.
Eng. Controls	Use with good general ventilation. If mists or vapours are produced local exhaust ventilation should be used.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Black paste.
Melting Point	Not available
Boiling Point	Not available
Solubility in Water	Negligible.
Specific Gravity (H₂O=1)	Not available
Vapour Pressure	Not available
Vapour Density (Air=1)	Not available
Flash Point	> 150°C
Flammability	Combustible substance. This product will burn if exposed to fire.
Flammable Limits LEL	Not applicable
Flammable Limits UEL	Not applicable

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Hazardous Polymerization	Will not occur.
Materials to Avoid	Strong acids and strong oxidising agents.
Hazardous Decomposition Products	Thermal decomposition and combustion produce noxious fumes containing oxides of carbon.
Hazardous Reaction	Product as received will not present a dust explosion hazard. If cured material made using this product is to be machined, or sanded, a dust explosion hazard may be created. All dust generated should be removed as quickly as possible, preferably by the use of a vacuum cleaner.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicology data available for this product.
Health Hazard	Inhalation of dusts may irritate the respiratory system.
Inhalation	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Ingestion	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Skin	Irritating to skin resulting in redness and itching. This product may cause sensitisation in some individuals.
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

Environ. Protection	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Mobility	Prevent this material entering waterways, drains and sewers.
Mobility	No data is available for this material.



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Persistence / Degradability No data is available for this material.
Ecotoxicity No data is available for this material.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

This material is classified as a Class 9 (Miscellaneous Dangerous Goods) Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Dangerous goods of Class 9 (Miscellaneous Dangerous Goods) are incompatible in a placard load with any of the following:

- Class 1, Explosive
- Class 5.1, if the Class 9 substance is a fire risk substance
- Class 5.2, if the Class 9 substance is a fire risk substance

U.N. Number 3082

Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

DG Class 9

Hazchem Code 2X

Packaging Method 3.8.9

Packing Group III

EPG Number 9C1

IERG Number 47

15. REGULATORY INFORMATION

Risk Phrase 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 S23 Do not breathe gas/fumes/vapour/spray
S24/25 Avoid contact with skin and eyes.
S28 After contact with skin, wash immediately with plenty of water and soap
S37/39 Wear suitable gloves and eye/face protection.
S61 Avoid release to the environment. Refer to special instructions/safety data sheet.

Poisons Schedule S6

Hazard Category Irritant, Dangerous for the environment

AICS (Australia) All components in this product are listed on AICS (Australian Inventory of Chemical Substances).

16. OTHER INFORMATION

Contact Person/Point Technical Support: 1800 812 864

SDS History MSDS reviewed : April 2005
MSDS Supersedes: August 2004
...End Of MSDS...