



Material Safety Data Sheet

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Infosafe No. 5SYIC Issue Date : August 2004 ISSUED by PARCHEMC

Product Name : FOSROC NITOBOND HAR

Not classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name FOSROC NITOBOND HAR
Product Use Styrene Acrylic Primer for concrete repair mortar.
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 Number/Fax Tel: 02 4350 5000 Fax: 02 4351 2024
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

<u>Ingredients</u>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Ingredients determined not to be hazardous.		100 %

3. HAZARDS IDENTIFICATION

Not classified as hazardous according to the criteria of the NOHSC.
Not classified as dangerous goods according to the ADG Code.

Risk Phrases
Not applicable

Safety Phrases
Not applicable

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 immediate medical attention.

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

Skin Wash affected area thoroughly with copious amounts of running water. Remove contaminated clothing and wash before reuse. If symptoms develop 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.

First Aid Facilities Eye wash and normal washroom facilities.

Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media Use appropriate fire extinguisher for surrounding environment.

Specific Hazards This product is non-combustible. However, following evaporation of aqueous component, the dried residue may burn if ignited. As a water based product, if spilt on electrical equipment the product will cause short-circuits.



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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. Use explosion-proof equipment. Misuse of empty containers can be hazardous.
Storage	Store protected against freezing. Maintain storage temperature at 10 to 30°C. Keep containers closed when not in use. Store in suitable, labelled containers.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits	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.
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	Milky white liquid.
Odour	Faint aromatic odour.
Melting Point	Not available
Solubility in Water	Miscible
Specific Gravity (H2O=1)	Approx. 1.04 (20°C)



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pH Value	7.5 to 9.0 (23°C)
Vapour Pressure	2.3 kpa (water, 20°C)
Vapour Density (Air=1)	Not available
Viscosity	500 to 1200 mPa.s (23°C)
Flash Point	Not applicable
Flammability	This product is non-combustible. However, following evaporation of aqueous component, the dried residue may burn if ignited. As a water based product, if spilt on electrical equipment the product will cause short-circuits.
Flammable Limits LEL	Not applicable
Flammable Limits UEL	Not applicable
Initial Boiling Point	100°C

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Hazardous Polymerization	Will not occur.
Materials to Avoid	Strong oxidising agents.
Hazardous Decomposition Products	Thermal decomposition and combustion produce noxious fumes containing oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	The statement was derived from products of similar composition: LD50 (oral, rat) > 2,000 to 10,000 mg/kg
Inhalation	Inhalation of vapours may cause headaches, nausea, irritation of the nose, throat and lungs.
Ingestion	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Skin	May cause redness, itching and irritation.
Eye	May cause eye irritation, tearing, stinging, blurred vision, and redness.
Chronic Effects	Unknown.

12. ECOLOGICAL INFORMATION

Environ. Protection	Prevent this material entering waterways, drains and sewers. The product can be virtually eliminated from water by abiotic processes, e.g. adsorption onto activated sludge. Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations. Do not discharge product to water courses without effluent treatment. Local effluent treatment regulations should be complied with.
Mobility	No data is available for this material.
Persistence / Degradability	No data is available for this material.
Bioaccumulation	The polymeric portion is not bio-available because of the structural properties.
Acute Toxicity - Fish	LC/EC50 (48hr, Brachydanio rerio) > 100 mg/L (OECD 203)
Acute Toxicity - Daphnia	LC/EC50 (48hr, Daphnia magna) > 20 mg/l (OECD 202/ISO 6341/EEC 84/449/V, C.2)
Acute Toxicity - Bacteria	EC50 (0.5hr, Pseudomonas putida) > 1,000 mg/L (DIN 38412 Part 27 (draft))
Acute Toxicity - Other Organisms	Respiratory inhibition properties of municipal activated sludge: EC20 (0.5hr) > 100 mg/L ISO 8192/OECD 209/EEC 88/302C
Ecotoxicity	No data is available for this material.

13. DISPOSAL CONSIDERATIONS

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



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14. TRANSPORT INFORMATION

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

ADG U.N. Number None Allocated
ADG Proper Shipping Name None Allocated
ADG DG Class None Allocated
ADG Hazchem Code None Allocated
ADG Packing Group None Allocated

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled
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 Review: August 2004
MSDS Supersedes: February 2003.
...End Of MSDS...