



Infosafe No™ ESPGZ Issue Date :February 2008 ISSUED by PARCHEMC CS: 1.4.18

Product Name **FOSROC NITOPRIME ZINCRICH**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** FOSROC NITOPRIME ZINCRICH

**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 (available 24/7)

**Telephone/Fax Number** Tel: 02 4350 5000  
Fax: 02 4351 2024

**Recommended Use** A zinc rich primer for steel, mainly used as part of the Renderoc concrete repair system.

**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)** R11 Highly flammable.  
R20/21 Harmful by inhalation and in contact with skin.  
R36/38 Irritating to eyes and skin.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65 Harmful: may cause lung damage if swallowed.

**Safety Phrase(s)** S16 Keep away from sources of ignition - No smoking.  
S24/25 Avoid contact with skin and eyes.  
S33 Take precautionary measures against static discharges.  
S37 Wear suitable gloves.  
S38 If insufficient ventilation, wear suitable respiratory equipment.  
S61 Avoid release to the environment. Refer to special instructions/safety data sheet.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Xylene	1330-20-7	10-30 %
	n-Butyl acetate	123-86-4	10-30 %
	Methoxy Propyl Acetate	108-65-6	0-10 %
	Isobutyl alcohol	78-83-1	0-10 %
	Aromatic Hydrocarbons	64742-95-6	0-10 %
	N-Butyl Alcohol	71-36-3	0-10 %
	Kerosene	8008-20-6	0-10 %
	Ingredients determined not to be hazardous		Balance



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## 4. FIRST AID MEASURES

<b>Inhalation</b>	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. Wash out mouth with water. Where vomiting occurs naturally have victim place head below hip level in order to reduce risk of aspiration. Seek immediate medical attention.
<b>Skin</b>	Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. Seek medical attention.
<b>Eye</b>	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.
<b>First Aid Facilities</b>	Eye wash and normal washroom facilities.
<b>Advice to Doctor</b>	Treat symptomatically.
<b>Other Information</b>	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

<b>Suitable Extinguishing Media</b>	Use dry chemical powder, carbon dioxide or fog.
<b>Hazards from Combustion Products</b>	Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide, metal oxides and other pyrolysis products typical of burning organic material.
<b>Specific Methods</b>	Do not use water except fog to cool nearby containers.
<b>Specific Hazards</b>	This product is highly flammable. Vapours are heavier than air and will 'travel' to low-level areas e.g. sumps, drains, etc. and flashback. Precautions should be taken to eliminate the build up of explosive mixtures.
<b>Hazchem Code</b>	3[Y]E
<b>Precautions in connection with Fire</b>	Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedures</b>	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 this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.
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## 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Open containers cautiously as contents may be under pressure. Use only in a well ventilated area. DO NOT store or use in confined spaces. Keep tank covered and containers sealed when not in use. Build up of mists or vapours in the atmosphere must be prevented. Avoid inhalation of spray, vapour and mists. Do not use near welding or other ignition sources and avoid sparks. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. 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.
<b>Conditions for Safe Storage</b>	Store in a cool, dry, well-ventilated area away from 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. Always keep in containers made of the same material as the supply container. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. For information on the design of the storeroom, reference should



# Material Safety Data Sheet

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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	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Xylene	655	150	350	80	
	n-Butyl acetate	950	200	713	150	
	Methoxy Propyl Acetate	548	100	274	50	Sk
	Isobutyl alcohol			152	50	
	N-Butyl Alcohol			152	50	Peak limitation
<b>Biological Limit Values</b>	No biological limit allocated.					
<b>Other Exposure Information</b>	No exposure standards have been established for this material by the National Occupational Health And Safety Commission (NOHSC), however, the exposure limits of individual ingredients are listed above.					
<b>Engineering Controls</b>	As published by the National Occupational Health and Safety Commission (NOHSC): TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.					
<b>Respiratory Protection</b>	Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required. Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 2430.3.1:1997 : Classification of hazardous areas - Examples of area classification - General, for further information concerning ventilation requirements.					
<b>Eye Protection</b>	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.					
<b>Hand Protection</b>	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.					
<b>Body Protection</b>	Wear gloves of impervious material such as PVC. 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>	Coloured liquid
<b>Odour</b>	Solvent odour



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<b>Melting Point</b>	Not available
<b>Boiling Point</b>	118°C
<b>Solubility in Water</b>	Low solubility
<b>Specific Gravity</b>	1.23
<b>pH Value</b>	Not applicable
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (Air=1)</b>	Not available
<b>Volatile Component</b>	42.1%
<b>Flash Point</b>	20°C
<b>Flammability</b>	Highly flammable.
<b>Auto-Ignition Temperature</b>	Not available
<b>Flammable Limits - Lower</b>	1%
<b>Flammable Limits - Upper</b>	8%

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## 10. STABILITY AND REACTIVITY

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<b>Chemical Stability</b>	Stable under normal use conditions.
<b>Conditions to Avoid</b>	Heat, flames and other ignition sources.
<b>Incompatible Materials</b>	Strong oxidising agents.
<b>Hazardous Decomposition Products</b>	Carbon monoxide and carbon dioxide.
<b>Hazardous Polymerization</b>	Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Toxicology Information</b>	Acute toxicity: LD50 ORAL (rat): > 2,000 mg/kg LD50 DERMAL (rabbit): > 2,000 mg/kg LD50 INHALATION (rat) 4hr: > 5 mg/L
<b>Inhalation</b>	Harmful by inhalation. Inhalation of product vapours will 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>	Harmful in contact with skin. Irritating to skin resulting in redness and itching.
<b>Eye</b>	Irritating to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.
<b>Chronic Effects</b>	Prolonged or repeated contact with skin may irritate and cause dermatitis. Prolonged overexposure to the solvents (inhalation and skin) may cause effects to the central nervous system, liver, urinary, blood forming, cardiovascular and reproductive systems.

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## 12. ECOLOGICAL INFORMATION

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



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## 13. DISPOSAL CONSIDERATIONS

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

## 14. TRANSPORT INFORMATION

**Transport Information** This material is classified as a Class 3 (Flammable Liquid) Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Dangerous goods of Class 3 (Flammable Liquid) are incompatible in a placard load with any of the following:

- Class 1, Explosive
- Class 2.1, Flammable Gas, if both the Class 3 and Class 2.1 dangerous goods are in bulk
- Class 2.3, Toxic Gas
- Class 4.2, Spontaneously Combustible Substance
- Class 5.1, Oxidising Agent
- Class 5.2, Organic Peroxide
- Class 6, Toxic and Infectious Substances, if the Class 3 dangerous goods are nitromethane
- Class 7, Radioactive Substance

**U.N. Number** 1263

**Proper Shipping Name** PAINT, (ZINC RICH KIT)

**DG Class** 3

**Hazchem Code** 3[Y]E

**Packaging Method** 3.8.3

**Packing Group** II

**EPG Number** 3C1

**IERG Number** 14

## 15. REGULATORY INFORMATION

**Poisons Schedule** S5

**Hazard Category** Harmful, Irritant, Highly Flammable

## 16. OTHER INFORMATION

**Date of preparation or last revision of MSDS** MSDS Reviewed: February 2008  
MSDS Supersedes: February 2007

**Contact Person/Point** Technical Support: 1800 812 864  
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