

Infosafe No™ LPX7Q	Issue Date : February 2013	ISSUED by PARCHEMN
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Product Name **FOSROC PRIMER 7**

Classified as hazardous

1. Identification

GHS Product Identifier	FOSROC PRIMER 7
Company Name	Parchem Construction Supplies Pty Ltd (ABN 80 069 961 968)
Address	7 Lucca Road Wyong NSW 2259 Australia
Telephone/Fax Number	Tel: 02 4350 5000 Fax: 02 4351 2024
Emergency phone number	0800 154 666 (available 24/7)
Recommended use of the chemical and restrictions on use	A primer to promote adhesion of sealants.
Other Information	Distributed in New Zealand by: Concrete Plus 23 Watts Road Sockburn New Zealand Tel: (03) 343 0090 Fax: (03) 343 0202

This SDS summarises 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 Supplies 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.co.nz

2. Hazard Identification

GHS classification of the substance/mixture	Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand. Classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land. HSNO Classification: 3.1B - Flammable liquid: high hazard 6.1C - Substance that is acutely toxic (Inhalation - vapours, dusts or mists) 6.3B - Substance that is mildly irritating to the skin 6.4A - Substance that is irritating to the eyes 6.5A - Substance that is a respiratory sensitiser 6.5B - Substance that is a contact sensitiser 6.7B - Substance that is a suspected human carcinogen 6.8B - Substance that is suspected to be a human reproductive or developmental toxicant 6.9B (Repeated exposure) - Substance that is harmful to human target organs or systems
Signal Word (s)	Danger
Hazard Statement (s)	H225 Highly flammable liquid and vapour. H316 Causes mild skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H331 Toxic if inhaled. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H351 Suspected of causing cancer.

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Pictogram (s)

H361 Suspected of damaging fertility or the unborn child.
 H373 May cause damage to organs through prolonged or repeated exposure by inhalation.
 Flame, Exclamation mark, Health hazard


Precautionary statement – Prevention

P102 Keep out of reach of children.
 P103 Read label before use.
 P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P210 Keep away from heat/sparks/open flames/hot surfaces No smoking.
 P233 Keep container tightly closed.
 P240 Ground/bond container and receiving equipment.
 P241 Use explosion-proof electrical/ventilating/lighting equipment.
 P242 Use only non-sparking tools.
 P243 Take precautionary measures against static discharge.
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.
 P264 Wash skin thoroughly after handling.
 P271 Use only outdoors or in a well-ventilated area.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P285 In case of inadequate ventilation wear respiratory protection.

Precautionary statement – Response

GENERAL:
 P101 If medical advice is needed, have product container or label at hand.
 P312 Call a POISON CENTER or doctor/physician if you feel unwell.
 P370+P378 In case of fire: Use carbon dioxide, dry chemical or foam for extinction.
 SKIN:
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P363 Wash contaminated clothing before reuse.
 INHALATION:
 P304+P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
 P310 Immediately call a POISON CENTER or doctor/physician.
 P331 Do NOT induce vomiting.

Precautionary statement – Storage

EYES:
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P405 Store locked up.
 P403+P235 Store in a well-ventilated place. Keep cool.

Precautionary statement – Disposal

P501 In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided. See Section 13 for disposal details.

3. Composition/information on ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	<u>Hazard Symbol</u>	<u>Risk Phrase</u>
	Ethyl acetate	141-78-6	30-<60 %		
	Butyl acetate	123-86-4	10-<30 %		

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Benzene, 2,4-diisocyanato-1-meth yl-, polymer with 1,6-diisocyanatohexane	26426-91-5	10-<30 %
Toluene-2,4-diisocyanat e	584-84-9	<1 %
Hexamethylene di-isocyanate	822-06-0	<1 %
Toluene	108-88-3	<1 %
Ingredients determined not to be hazardous.		Balance

4. First-aid measures

Inhalation	Avoid becoming a casualty - to protect rescuer, use air viva, oxy-viva or one way mask. Remove affected person from contaminated area - Apply artificial respiration if not breathing. Do not give direct mouth to mouth resuscitation. Resuscitate a in well ventilated area. Seek IMMEDIATE medical attention.
Ingestion	Do not induce vomiting. Wash out mouth thoroughly with water. Seek immediate medical attention.
Skin	Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
Eye contact	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.
First Aid Facilities	Eye wash, safety shower 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 or foam. Alcohol resistant foam is preferred. If not available normal foam can be used.
Unsuitable Extinguishing Media	DO NOT USE water jets.
Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide, carbon dioxide and nitrogen oxides.
Specific hazards arising from the chemical	Highly flammable liquid and vapour. Vapour/air mixtures may ignite explosively. Flashback along the vapour trail may occur. Runoff to sewer may create fire or explosion hazard.
Hazchem Code	•3WE
Decomposition Temp.	Not available
Precautions in connection with Fire	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

6. Accidental release measures

Emergency Procedures	Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.
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7. Handling and storage

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Precautions for Safe Handling Avoid contact with skin and eyes. Wear overalls, impervious gloves and safety glasses. Use in designated areas with adequate ventilation. Use approved flammable liquid storage containers in the work area. Prevent release of vapours and mists into workplace air. Keep containers closed when not in use. Take precautionary measures against static discharges. Keep material away from sparks, flames and other ignition sources. Do not empty into drains. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands before eating, drinking, smoking or using the toilet facilities.

Conditions for safe storage, including any incompatibilities Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. 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 be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all applicable local and national regulations.

8. Exposure controls/personal protection

Occupational exposure limit values No exposure value assigned for this material by the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour. However, the available exposure limits for ingredients are listed below:

New Zealand Occupational Safety and Health Service (OSH) Workplace Exposure Standards:

Substance	TWA		STEL		NOTICES
	ppm	mg/m ³	ppm	mg/m ³	
Toluene	50	191	150	574	Sk
Ethyl Acetate	200	720	400	1440	-
Isocyanates, all(as NCO) -	-	0.02	-	0.07	Sen

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

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.

'Sen' Notice: The substance may cause sensitisation by skin contact or by inhalation.

Biological Limit Values Biological Exposure Indices (BEI) from American Conference of Industrial Hygienists (ACGIH) for ingredients are as follows:

Determinant	Sampling Time	Biological Exposure Indices (BEI)
TOLUENE [108-88-3]		
o-Cresol in urine	End of shift	0.3mg/g creatinine
Toluene in urine	End of shift	0.03 mg/L
Toluene in blood	Prior to last shift of work week	0.02 mg/L

Appropriate engineering controls Provide sufficient ventilation to keep airborne levels below the exposure limits. 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 60079.10.1:2009 Explosive atmospheres - Classification of areas - Explosive gas atmospheres, for further information concerning ventilation requirements.

Respiratory Protection If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour 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.

Eye Protection 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.

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Hand Protection	Wear gloves of impervious material, such as laminated film or nitrile. 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	Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

9. Physical and chemical properties

Appearance	Straw coloured liquid
Odour	Sweet ester odour
Decomposition Temperature	Not available
Melting Point	Not available
Boiling Point	Not available
Solubility in Water	Insoluble
Specific Gravity	1.03 (23°C)
pH	Not available
Vapour Pressure	Not available
Vapour Density (Air=1)	>1
Evaporation Rate	4.5 (Ethyl acetate)
Odour Threshold	Not available
Viscosity	Not available
Partition Coefficient: n-octanol/water	Not available
Flash Point	-4.5°C (Ethyl acetate) (Closed cup)
Flammability	Highly flammable
Auto-Ignition Temperature	Not available
Flammable Limits - Lower	2.2% (Ethyl acetate)
Flammable Limits - Upper	11.5% (Ethyl acetate)

10. Stability and reactivity

Reactivity	Reacts with incompatibles.
Chemical Stability	Stable under normal conditions of storage and handling.
Conditions to Avoid	Heat, flames and other ignition sources.
Incompatible Materials	Strong oxidising agents, amines, alcohols and water.
Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes and gases including carbon monoxide, carbon dioxide and nitrogen oxides.
Possibility of hazardous reactions	Reacts with oxidising agents. Exothermic reaction with amines and alcohols and reacts slowly with water liberating carbon dioxide.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Toxicology Information	No toxicity data available for this material.
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Ingestion	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Inhalation	Toxic if inhaled. Inhalation may cause headaches, impairment of judgement and in extreme cases can lead to unconsciousness or death.
Skin	Causes mild skin irritation. Skin contact can cause redness, itching and swelling. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.
Eye	Causes serious eye irritation. On eye contact this product will cause tearing, stinging, blurred vision, and redness.
Respiratory sensitisation	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin Sensitisation	May cause an allergic skin reaction.
Germ cell mutagenicity	Not considered to be a mutagenic hazard.
Carcinogenicity	Suspected of causing cancer.
Reproductive Toxicity	Suspected of damaging fertility or the unborn child.
STOT-single exposure	Not expected to cause toxicity to a specific target organ.
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure by inhalation.
Aspiration Hazard	Not expected to be an aspiration hazard.

12. Ecological information

Ecotoxicity	The monomeric isocyanates, which form a very small part of this product, may be harmful to aquatic organisms with long term adverse effects. The resin (polymeric isocyanate) reacts with water forming polyurea, an insoluble solid.
Persistence and degradability	Not available
Mobility	Not available
Bioaccumulative Potential	Not available
Environmental Protection	Do not discharge this material into waterways, drains and sewers.

13. Disposal considerations

Disposal Considerations	<p>Product Disposal: Product wastes are controlled wastes and should be disposed of in accordance with all applicable local and national regulations. This product can be disposed through a licensed commercial waste collection service. In this specific case the product is a solvent-based, flammable substance and therefore can be sent to an approved high temperature incineration plant for disposal. Large volumes may be re-distilled by solvent recovery contractors. Personal protective clothing and equipment as specified in Section 8 of this SDS must be worn during handling and disposal of this product. The ventilation requirements as specified in the same section must also be followed, and the precautions given in Section 7 of this SDS regarding handling must also be followed.</p> <p>Do not dispose into the sewerage system. Do not discharge into drains or watercourses or dispose where ground or surface waters may be affected. In New Zealand, the disposal agency or contractor must comply with the New Zealand Hazardous Substances (Disposal) Regulations 2001. Further details regarding disposal can be obtained on the EPA New Zealand website under specific group standards.</p> <p>Container Disposal: The container or packaging must be cleaned and rendered incapable of holding any substance. It can then be disposed of in a manner consistent with that of the substance it contained. In this instance the packaging can be disposed through a commercial waste collection service.</p>
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Alternatively, the container or packaging can be recycled if the hazardous residues have been thoroughly cleaned or rendered non-hazardous. In New Zealand, the packaging (that may or may not hold any residual substance) that is lawfully disposed of by householders or other consumers through a public or commercial waste collection service is a means of compliance with regulations.

14. Transport information

Transport Information

Road and Rail Transport:

This material is classified as Dangerous Goods Class 3 - Flammable Liquid and subsidiary Division 6.1 Toxic Substance according to NZS 5433:2012 Transport of Dangerous Goods on Land.

Must not be loaded in the same freight container or on the same vehicle with:

- Class 1, Explosives
- Division 2.1, Flammable gases
- Division 2.3, Toxic gases
- Division 4.2, Spontaneously combustible substances
- Division 5.1, Oxidising substances
- Division 5.2, Organic peroxides

- Class 7, Radioactive materials unless specifically exempted

And are incompatible with food and food packaging in any quantity.

Note 1: Cyanides (Division 6.1) must not be loaded in the same freight container or on the same vehicle with acids (Class 8).

Must not be loaded with in the same freight container; and on the same vehicle must be separated horizontally by at least 3 metres unless all but one are packed in separate freight containers with:

- Division 4.3, Dangerous when wet substances
- Division 5.1, Oxidising substances
- Division 5.2, Organic peroxides

Goods of packing group II or III may be loaded in the same freight container or on the same vehicle if transported in segregation devices with:

- Division 4.2, Spontaneously combustible substances
- Division 4.3, Dangerous when wet substances
- Division 5.1, Oxidising substances
- Division 5.2, Organic peroxides
- Food items

Marine Transport (IMO/IMDG):

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No.: 1992

Proper Shipping Name: FLAMMABLE LIQUID, TOXIC, N.O.S.

DG Class: 3

Packaging Group: II

EMS No.: F-E, S-D

Special provisions: 274

Air Transport (ICAO/IATA):

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No: 1992

Proper Shipping Name: Flammable liquid, toxic, n.o.s.

Class: 3

Packing Group: II

Packing Instruction: 352 (For passenger and cargo aircraft)

Packing Instruction: 364 (For cargo aircraft only)

Special provisions: A3

1992

U.N. Number

UN proper shipping name

FLAMMABLE LIQUID, TOXIC, N.O.S. - (Contains Ethyl acetate and Toluene-2,4-diisocyanate)

Transport hazard class(es)

3

Sub.Risk

6.1

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Hazchem Code •3WE**Packing Group** II**EPG Number** 3A2**IERG Number** 16**IMDG Marine
pollutant** No

15. Regulatory information

Regulatory Information Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.
All components of this product are listed on the New Zealand Inventory of Chemicals (NZIoC) or exempted.
HSNO (CCID) Name: Additives, Process Chemicals and Raw Materials (Flammable, Toxic [6.1 + 6.7]) Group Standard 2006

HSNO Approval Number HSR002498

16. Other Information

Date of preparation or last revision of SDS SDS Reviewed: February 2013
Supersedes: January 2013

Contact Person/Point Technical Support: 1800 812 864
...End Of MSDS...

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