



# SAFETY DATA SHEET

## FOSROC CEMTOP GP ADVANCED

Infosafe No.: LQ2A2  
Version No.: 1.0  
ISSUED Date: 01/05/2013  
ISSUED BY Parchem Construction  
Supplies Pty Ltd

### 1. IDENTIFICATION

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**GHS Product Identifier**

FOSROC CEMTOP GP ADVANCED

**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**

Range of concrete flooring compounds.

**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](http://www.parchem.co.nz)

## 2. HAZARD IDENTIFICATION

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### GHS classification of the substance/mixture

Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.

Not Classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

HSNO Classification:

6.1D (Oral) - Substance that is acutely toxic

6.1E (Dermal) - Substance that is acutely toxic

6.1E (Inhalation – vapours, dusts or mists) - Substance that is acutely toxic

6.3A - Substance that is irritating to the skin

6.4A - Substance that is irritating to the eyes

6.5B - Substance that is a contact sensitiser

6.9A (Repeated exposure) - Substance that is toxic to human target organs or systems

### Signal Word (s)

DANGER

### Hazard Statement (s)

H302 Harmful if swallowed.

H313 May be harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H333 May be harmful if inhaled.

H372 Causes damage to organs through prolonged or repeated exposure.

### Pictogram (s)

Exclamation mark, Health hazard



### Precautionary statement – Prevention

P102 Keep out of reach of children. -This statement applies only where the substance is available to the general public.

P103 Read label before use. -This statement applies only where the substance is available to the general public.

P104 Read Safety Data Sheet before use.

- P260 Do not breathe dust.
- P264 Wash hands and skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves/eye protection/face protection.

**Precautionary statement – Response**

GENERAL

- P101 If medical advice is needed, have product container or label at hand. -This statement applies only where the substance is available to the general public.
- P312 Call a POISON CENTER or doctor/physician if you feel unwell.
- P314 Get medical advice/attention if you feel unwell.

INHALATION

- P304+P312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P331 Do NOT induce vomiting.

INGESTION

- P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P330 Rinse mouth.

SKIN

- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P362 Take off contaminated clothing and wash before re-use.

EYE

- 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.

**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**

Name	CAS	Proportion
Crystalline Silica (Quartz)	14808-60-7	30-<60 %
Blast furnace slag	65996-69-2	10-<30 %
Portland cement	65997-15-1	1-<10 %
Ingredients determined not to be hazardous.		Balance

**4. FIRST-AID MEASURES**

**Inhalation**

If inhaled, remove affected person from contaminated area (while wearing SCBA if concentrations are high). Apply artificial respiration if not breathing. Seek medical attention.

**Ingestion**

Do not induce vomiting. Rinse mouth out with water. If symptoms persist seek prompt medical attention.

**Skin**

Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. 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 fountain, safety shower and normal washroom facilities.

**Advice to Doctor**

Treat symptomatically.

**Other Information**

For advice, contact a Poisons Information Centre (Phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor.

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**5. FIRE-FIGHTING MEASURES**

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**Suitable Extinguishing Media**

Use appropriate fire extinguisher for surrounding environment.

**Hazards from Combustion Products**

Under fire conditions this product may emit toxic and/or irritating fumes and gases including oxides of carbon or nitrogen, or hydrocarbons in a fire.

**Specific Hazards Arising From The Chemical**

Water contact will initiate setting of product.

**Decomposition Temperature**

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.

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**6. ACCIDENTAL RELEASE MEASURES**

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**Emergency Procedures**

Increase ventilation. Wear appropriate personal protective equipment and clothing to prevent exposure. Evacuate all unprotected personnel. Sweep up material avoiding dust generation or where possible use dustless methods such as vacuum to collect the material and transfer into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to 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.

## 7. HANDLING AND STORAGE

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### Precautions for Safe Handling

Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of dust in the work atmosphere. Avoid inhalation of dust, and skin or eye contact. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

### Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area, out of direct sunlight and moisture. Store in labelled, corrosion-resistant containers. Keep containers tightly closed. Store away from incompatible materials. Water contact will initiate setting.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Occupational exposure limit values

No exposure standards have been established for the mixture by the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour.

The following Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour exposure limits apply:

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Silica, crystalline	- 0.1/0.2 (Inhalable/respirable dust)			

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.

### Biological Limit Values

No biological limit allocated.

### Appropriate Engineering Controls

Use in well ventilated areas. In confined spaces the use of local exhaust ventilation system is recommended. Air concentrations of components should be controlled as low as possible. Keep containers closed when not in use.

### Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust/particulate 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 goggles should be worn as described in Australian Standard AS/NZS 1337 - Eye Protectors for Industrial Applications. Final choice of appropriate eye/face protection will vary according to individual circumstances.

**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**

Suitable workwear should be worn to protect personal clothing, eg. cotton overalls buttoned at neck and wrist. Dusty clothing should be laundered before reuse. Use precautionary measures to avoid creating dust when removing or laundering clothes.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**Appearance**

Powder

**Colour**

Grey or pigmented

**Odour**

Cementitious

**Decomposition Temperature**

Not available

**Melting Point**

Not available

**Boiling Point**

Not applicable

**Solubility in Water**

Insoluble, but reacts slowly with water to cure.

**Solubility in Organic Solvents**

Not available

**Specific Gravity**

1.34 at 23°C

**pH**

Not available

**Vapour Pressure**

Not available

**Vapour Density (Air=1)**

Not available

**Evaporation Rate**

Not available

**Odour Threshold**

Not available

**Viscosity**

Not available

**Volatile Component**

Nil

**Partition Coefficient: n-octanol/water**

Not available

**Flash Point**

Not applicable

**Flammability**

Not combustible

**Auto-Ignition Temperature**

Not available

**Flammable Limits - Lower**

Not applicable

**Flammable Limits - Upper**

Not applicable

**10. STABILITY AND REACTIVITY**

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**Reactivity**

Will react with incompatibles.

**Chemical Stability**

Stable under normal conditions of storage and handling.

**Conditions to Avoid**

Dusty conditions

**Incompatible materials**

Not available

**Hazardous Decomposition Products**

Thermal decomposition may result in the release of toxic and/or irritating fumes including oxides of carbon or nitrogen, or hydrocarbons in a fire.

**Hazardous Polymerization**

Does not occur.

## 11. TOXICOLOGICAL INFORMATION

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### **Toxicology Information**

No toxicity data are available.

### **Ingestion**

Harmful if swallowed. Ingestion of this product may irritate the gastric tract, causing nausea and vomiting.

### **Inhalation**

May be harmful if inhaled. May cause respiratory irritation. May cause coughing and sneezing. Prolonged exposure to high dust concentrations may cause serious pulmonary disorders.

### **Skin**

May be harmful in contact with skin. Causes skin irritation. Causes irritation resulting in redness, itching and dermatitis particularly when combined with water, or on wet skin.

### **Eye**

Causes serious eye irritation. Eye contact will cause stinging, blurring, tearing, severe pain and possible permanent corneal damage.

### **Respiratory sensitisation**

Not expected to be a respiratory sensitiser.

### **Skin Sensitisation**

May cause an allergic skin reaction.

### **Germ cell mutagenicity**

Not considered to be a mutagenic hazard.

### **Carcinogenicity**

Product contains crystalline silica. Crystalline Silica (respirable size  $\leq 7 \mu\text{m}$ ) has been classified by the International Agency for Research on Cancer (IARC) as Carcinogenic to Humans (Group 1).

### **Reproductive Toxicity**

Not considered to be toxic to reproduction.

### **STOT-repeated exposure**

Causes damage to organs by inhalation through prolonged or repeated exposure. Repeated exposure to respirable crystalline silica dust may lead to silicosis, or other serious delayed lung injury. The onset of silicosis is usually slow and lung damage may occur even when no symptoms or signs of ill-health have occurred. Silicosis can develop to a more serious degree even after exposure has ceased, and may also lead to other diseases including heart disease and scleroderma. Exposure to fine dust (respirable crystalline silica dust) contained in the products must be prevented to avoid risk of lung disease.

### **Aspiration Hazard**

Not expected to be an aspiration hazard.



## 12. ECOLOGICAL INFORMATION

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### **Ecotoxicity**

Not available

### **Persistence and degradability**

Not available

### **Mobility**

Not available

### **Bioaccumulative Potential**

Not available

### **Environmental Protection**

Prevent this material entering waterways, drains and sewers.

## 13. DISPOSAL CONSIDERATIONS

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### **Disposal considerations**

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. The product should be rendered non-hazardous before being sent to a licensed landfill facility.

Do not dispose directly into the sewerage system. Do not discharge into drains or watercourses or dispose where ground or surface waters may be affected.

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.

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.

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.

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

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### **Transport Information**

Road and Rail Transport:

New Zealand:

Not classified as Dangerous Goods for transport according to the NZS 5433:2012 Transport of Dangerous Goods on Land.

Marine Transport (IMO/IMDG):

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO/IATA):

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

**U.N. Number**

None Allocated

**UN proper shipping name**

None Allocated

**Transport hazard class(es)**

None Allocated

**IMDG Marine pollutant**

No

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## 15. REGULATORY INFORMATION

**National and or International Regulatory Information**

New Zealand:

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.

Group Standard:

Construction Products (Subsidiary Hazard) Group Standard 2006

**HSNO Approval Number**

HSR002544

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## 16. OTHER INFORMATION

**Date of preparation or last revision of SDS**

SDS amendment: December 2014 SECTION 7

SDS Created: May 2013

**References**

New Zealand:

Workplace Exposure Standards and Biological Exposure Indices , Department of Labour, Health & Safety.

Transport of Dangerous goods on land NZS 5433.

Preparation of Safety Data Sheets - Approved Code of Practice Under the HSNO Act 1996 (HSNO CoP 8-1 09-06).

Assigning a hazardous substance to a group standard.

American Conference of Industrial Hygienists (ACGIH).

**Contact Person/Point**

Technical Support: 1800 812 864

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**END OF SDS**

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