

Infosafe No™ LPT2H	Issue Date :February 2005	ISSUED by PARCHEMC	CS: 1.4.30
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Product Name **FOSROC CEMTOP GP**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name FOSROC CEMTOP GP

Company Name Parchem Construction Supplies 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 Range of concrete flooring compounds.

Other Information This MSDS 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.com.au

2. HAZARDS IDENTIFICATION

Hazard Classification Classified as Hazardous according to the criteria of the NOHSC.
Not classified as dangerous goods according to the ADG Code.

RISK PHRASES:
Irritating to respiratory system and skin.
Risk of serious damage to eyes.
May cause cancer by inhalation.

SAFETY PHRASES:
Do not breathe dust.
Avoid contact with eyes.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
After contact with skin, wash immediately with plenty of soap and water.
Wear suitable protective clothing, gloves and eye/face protection.
If insufficient ventilation, wear suitable respiratory equipment.

Risk Phrase(s) R37/38 Irritating to respiratory system and skin.
R41 Risk of serious damage to eyes.
R49(2) May cause cancer by inhalation.

Safety Phrase(s) S22 Do not breathe dust.
S25 Avoid contact with eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 After contact with skin, wash immediately with plenty of
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S38 If insufficient ventilation, wear suitable respiratory equipment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition, information on ingredients Crystalline silica as quartz contains a small proportion of respirable crystalline silica and provided reasonable precautions (respiratory protection) are taken this product is safe to handle.

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Sand	14808-60-7	30-60 %
	Fly Ash	68131-74-8	1-10 %
	Calcium aluminate cement	65997-16-2	1-10 %

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Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Portland cement	65997-15-1	1-10 %
	Ingredients determined to be non-hazardous or below cut-off concentrations	n.a.	to 100%

4. FIRST AID MEASURES

Inhalation	Remove patient (while wearing SCBA if concentrations are high) to fresh air. Allow to rest. Rinse mouth and nose with water. Provide artificial respiration if breathing stops. Seek prompt medical attention unless recovery is virtually immediate.
Ingestion	Do not induce vomiting. Rinse mouth out with water. If symptoms persist seek prompt medical attention.
Skin	Remove contaminated clothing. Wash affected area with soap and water for at least 10 minutes. If symptoms persist seek medical assistance.
Eye	Immediately: Hold eyelids open and flush eye for 15 minutes with water. Ensure inside of eyelid is flushed. If symptoms persist seek prompt medical attention.
First Aid Facilities	Provide normal industrial first aid facilities including eye-wash stations and safety showers as appropriate.
Advice to Doctor	Treat symptomatically.
Other Information	Note: If ANY adverse reaction occurs transport IMMEDIATELY to hospital or doctor.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Select to suit surrounding fires.
Specific Methods	Contain run-off water for later collection and controlled disposal.
Precautions in connection with Fire	Wear SCBA and full turn out clothing. Avoid bodily contact with substance or run-off.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal	Prevent material entering drains or waterways. Wear dust mask. Sweep or vacuum up without creating dust clouds. Collect into clean, dry containers. Fit lids, label and place in a safe area to await disposal. Thoroughly ventilate area before re-starting work. Disposal must be in accordance with local regulations.
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7. HANDLING AND STORAGE

Precautions for Safe Handling	Avoid generation or accumulation of dusts. Use local exhaust extraction.
Conditions for Safe Storage	Keep in dry, cool and well-ventilated area as water contact will initiate set.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	No exposure standards have been established for this material by the National Occupational Health & Safety Commission (NOHSC). However, exposure standards for ingredients are stated below:		
	Substance	TWA	STEL
	Crystalline Silica	0.2 mg/m3	0.7mg/m3
Other Exposure Information	NOTICES Cat 1 Carcinogen 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. According to current knowledge these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers. These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure Standards should not be used as fine dividing		

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Engineering Controls	lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.
Respiratory Protection	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. Where dust is generated, and exposure levels do not exceed ten times the Workplace Exposure Standards, a half face piece respirator fitted with a P1 filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended. Where exposure levels do exceed ten times the Workplace Exposure Standard, then a full face-piece respirator fitted with a P2/P3 filter, or a powered air-supplied respirator fitted with a P2 filter, should be used. 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, in order to make any necessary changes for individual circumstances. Filter capacity and respirator type depends on exposure levels. Particulate filter classification and respirator type depends on the type of particulate i.e. dust or fume and the exposure levels. Final choice of appropriate respiratory protection will vary according to individual circumstances. This can include methods of handling, and engineering controls as determined by appropriate risk assessments.
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 conforming to AS/NZS 2161: Occupational protective gloves - Selection, use and maintenance. Final choice of appropriate glove type will vary according to individual circumstances. This can include methods of handling, and engineering controls as determined by appropriate risk assessments. Advice should be sought from appropriate glove manufacturers in order to ensure gloves are correct for application.
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
Hygiene Measures	Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Grey or pigmented powders.
Odour	Cementitious.
Melting Point	Not determined
Boiling Point	Not applicable
Solubility in Water	Insoluble, but reacts slowly with water to cure.
Specific Gravity	Not determined
Vapour Pressure	Not determined
Volatile Component	Nil
Flash Point	Non-combustible
Flammability	Not combustible.

10. STABILITY AND REACTIVITY

Chemical Stability	Stable.
Hazardous Decomposition Products	Minor ingredients could produce 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 is available for this specific product, however toxicity data found for constituents are stated below: Crystalline silica is classified as a Class 1 Human Carcinogen according to IARC (International Agency for Research on Cancer), however the NATIONAL OCCUPATIONAL HEALTH & SAFETY COMMISSION NOHSC) has yet to classify crystalline silica as a human carcinogen. 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.
Inhalation	Will irritate respiratory tract and may cause coughing and sneezing. Prolonged exposure to high dust concentrations may cause serious pulmonary disorders.
Ingestion	Ingestion of this product may irritate the gastric tract, causing nausea and vomiting.
Skin	May cause irritation resulting in redness, itching and dermatitis particularly when combined with water, or on wet skin.
Eye	Risk of serious damage to eyes. Eye contact will cause stinging, blurring, tearing, severe pain and possible permanent corneal damage.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not available.
Persistence / Degradability	Not available.
Mobility	Not available.
Bioaccumulative Potential	Not available.
Environ. Protection	Not expected to create environmental hazards unless dumped in massive quantity.

13. DISPOSAL CONSIDERATIONS

Waste Disposal	Disposal should be in accordance with the relevant local, state and federal government regulations.
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14. TRANSPORT INFORMATION

Transport Information	CORRECT SHIPPING NAME: Not allocated.
Storage and Transport	Keep in dry, cool and well-ventilated area as water contact will initiate set. No regulatory requirements apply to the transport of this product.

15. REGULATORY INFORMATION

Poisons Schedule	Not Scheduled
Hazard Category	Toxic, Irritant

16. OTHER INFORMATION

Date of preparation or last revision of MSDS	MSDS Creation: August 2004
Contact Person/Point	Technical Support: 1800 812 864 ...End Of MSDS...

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