



SAFETY DATA SHEET

FOSROC CEMTOP GP ADVANCED

Infosafe No.: LPZT6
Version No.: 1.0
ISSUED Date: 09/05/2013
ISSUED BY Parchem Construction
Supplies Pty Ltd

1. IDENTIFICATION

GHS Product Identifier

FOSROC CEMTOP GP ADVANCED

Company Name

Parchem Construction Supplies Pty Ltd (ABN ABN 80 069 961)

Address

7 Lucca Road Wyong
NSW 2259 Australia

Telephone/Fax Number

Tel: 02 4350 5000
Fax: 02 4351 2024

Emergency phone number

Australia 1800 638 556 and New Zealand 0800 154 666 (both available 24/7)

Recommended use of the chemical and restrictions on use

Range of concrete flooring compounds

Other Information

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.com.au

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Australia:

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Acute Toxicity - Dermal: Category 5

Eye Damage/Irritation: Category 2A

Acute Toxicity - Oral: Category 4

STOT Repeated Exposure Category 1

Skin Corrosion/Irritation: Category 2

STOT Single Exposure Category 3 (respiratory tract irritation)

Sensitization - Skin: Category 1

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.

H335 May cause respiratory irritation.

H372 Causes damage to organs by inhalation.

Pictogram (s)

Exclamation mark, Health hazard



Precautionary statement – Prevention

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash hands and skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

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/eye protection/face protection.

Precautionary statement – Response

INHALATION

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P314 Get medical advice/attention if you feel unwell.

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.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

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 – Storage

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

Precautionary statement – Disposal

P501 Dispose of contents/container to an approved waste disposal plant.

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.

5. FIRE-FIGHTING MEASURES

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.

6. ACCIDENTAL RELEASE MEASURES

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

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

Occupational exposure limit values

No exposure value assigned for this material by Safe Work, Australia. However, the available exposure limits for ingredients are listed below:

Safe Work, Australia Exposure Standards:

| Substance | TWA | | STEL | | NOTICES |
|---|-----|-------------------|------|-------------------|---------|
| | ppm | mg/m ³ | ppm | mg/m ³ | |
| Silica (as Quartz) (Respirable dust) | - | 0.1 | - | - | - |

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

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

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

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 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 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

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

Disposal considerations

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

14. TRANSPORT INFORMATION

Transport Information

Road and Rail Transport:

Australia:

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

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

15. REGULATORY INFORMATION

Regulatory information

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule

Not Scheduled

16. OTHER INFORMATION

Date of preparation or last revision of SDS

SDS amendment: December 2014 SECTION 7

SDS Reviewed: May 2013

Supersedes: February 2011

References

Australia (GHS):

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants, Safe work Australia.

American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals.

Contact Person/Point

Technical Support: 1800 812 864

END OF SDS

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