



MATERIAL SAFETY DATA SHEET		
Fosroc Cementitious Grouts (Including Fosroc Conbextra C, GP, HES, HF & UW and Construction Grout)		
Statement of Hazardous Nature This substance is hazardous according to the criteria of WorkSafe Australia		
IDENTIFICATION		
Range of flowable & dry-pack cement grouts.		
Use:	UN Number:	None allocated
	Class:	None allocated
Correct Shipping Name: None allocated	Subsidiary Risk:	None allocated
	Hazchem:	None allocated
	Packing Group	None allocated
Appropriate EPG	None allocated	Schedule: Not Scheduled
DESCRIPTION/PROPERTIES:		
Appearance: Grey or pigmented powders	Odour:	Cementitious
Percent Volatiles: Nil	Specific Gravity:	n/a
Boiling Point: n/a	Melting Point:	n/a
Flash Point: Non Flamm.	Flammability Limits:	n/a
Vapour Pressure: n/a	Solubility in water :	Insoluble, but react slowly with water to cure
Other Properties Material creates a hazard ONLY when in powder form and dusts are created.		
INGREDIENTS: These products contain various grades of silica sands and cement in various proportions: Crystalline silica Cement	Proportion	CAS No Blend 14808-60-7 65997-15-1
<i>Abbreviations: n.a = not available, n.d = not determined, n.all. = not allocated</i>		

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

SWALLOWED

Irritating, but unlikely source of hazard.

EYE

Will irritate eyes and should be promptly removed to avoid damage.

SKIN

Irritating when combined with water, or on wet skin.

INHALED

Irritating to nasal passages.

CHRONIC

Silica and cement dusts are well established as the cause of fibrosis after several years over-exposure. A recent decision of the IARC has reclassified crystalline silica from being probably carcinogenic to man (Group 2 A) to Group 1 (carcinogenic to man) on the basis of sufficient evidence from epidemiological studies. Cements may contain 0.3 to 35 % crystalline silica.

FIRST AID

Note: If ANY adverse reaction occurs transport IMMEDIATELY to hospital or doctor.

SWALLOWED

Do not induce vomiting without medical guidance. Rinse mouth with water and give two glasses to drink. 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.

SKIN

Remove contaminated clothing and footwear (while under safety shower if appropriate). Flush affected area with water for 5 minutes followed by washing with soap and water for a further 5 minutes. Rinse well and pat dry. If symptoms persist seek prompt medical assistance.

INHALED

Remove patient to fresh air (use respirator or SCBA if concentration is high). Allow to rest. Provide artificial respiration if breathing stops. Treat for shock if required. Seek prompt medical assistance unless recovery is virtually immediate.

FIRST AID FACILITIES

Provide normal industrial first aid facilities including eye-wash stations and safety showers as appropriate.

ADVICE TO DOCTOR:

Provide supportive care and treatment based on the patient's reactions. For further information contact the :

POISONS INFORMATION CENTRE 13 11 26 in all States

PRECAUTIONS FOR USE

EXPOSURE STANDARDS (WorkSafe Australia Exposure Standards May 1995)

The Exposure Standard for crystalline silica is currently under review. As an interim measure one supplier recommends a standard of 0.2 mg/m³ as the TWA. Note that this hazard only exists while to grouts are in powder form when dust may be created.

Substance

TWA

STEL

ENGINEERING CONTROLS

Use in well ventilated areas. Avoid creating dust clouds . When mixed indoors the use of dust extraction equipment should be considered.

PERSONAL PROTECTION

Respiratory Protection

If concentrations exceed the Exposure Standards use respirator to AS 1715 & 1716. In confined spaces use SCBA.

Eye Protection

Use goggles when mixing,decanting or using.

Gloves

Not usually required but if hands become red or sore use gloves complying with AS 2161.

Clothing

Wear Tyvec or cotton overalls fastened at the neck and wrist.

Industrial Hygiene

Follow normal industrial / chemical hygiene practices.

FLAMMABILITY:

Not combustible.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

Keep in dry area as water contact will initiate set. Product is classed as non-hazardous for storage and transport.

SPILLS AND DISPOSAL

Sweep up (using dust mask) and seal. Can be disposed of at any normal waste dump, can be mixed with water and allowed to set if desired.

FIRE/EXPLOSION HAZARD

No likely hazard.

DANGEROUS DECOMPOSITION PRODUCTS:

Minor ingredients could produce oxides of carbon or nitrogen, or hydrocarbons in a fire.

SPECIAL FIRE FIGHTING RECOMMENDATIONS

None required.

EXTINGUISHING MEDIA

None required.

PRECAUTIONS

Wear SCBA and full turn-out dress. Avoid contact with product or run-off.

OTHER INFORMATION

Major hazard with cementitious products is dust. Always use breathing protection against airborne dust. Ideally prevent dust - do not dry sweep or blow with compressed air.

ENVIRONMENTAL FATE

Will not pose an environmental threat unless dumped in massive quantities.

CONTACT POINTS:

Technical enquiries (During normal working hours): 1800 812 864,

Emergencies (Spills and Accidents 24 hrs): 1800 807 001

Poisons Information Centre - 13 11 26.

Disclaimer

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