

# SAFETY DATA SHEET

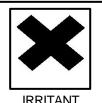
## 1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / **UNDERTAKING**

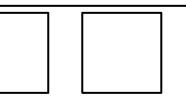
Product Name:	BRUS	HBOND T	GP		
Application:	Cementiti	ous coating.			
Company:	AI	Gurg	Fosroc	LLC	
Address:	Post Bo	x 657, Duba	ai, United Arab Emir	ates	
Telephone:	+9714-2	2858606	(Out of Hours) +97	714-7045215 Fa	x: +9714-2859649
2: COMPOSITIC	N/INFO		<b>N INGREDIENTS</b>		
Composition:	por	tland cements	, silica sands, calcium	hydroxide.	
Hazardous Ingree	dient(s)	Symbol	Risk Phrases	Other Information	%
Cement (OPC)		Xi	R36/37/38	Cas No: 65997-15-1	>25 <50
calcium hydroxide		Хі	R38, 41	Cas No: 1305-62-0	>10 <25
				Cas No:	
				Cas No:	
				Cas No:	

Refer to Section 8 for Occupational Exposure Limits.

#### **3: HAZARDS IDENTIFICATION**

Irritating to skin. Risk of serious damage to eyes





#### IRRITANT

#### **4: FIRST AID MEASURES**

Eyes:	Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention urgently.
Skin:	Wash immediately with copious quantities of water. Remove contaminated clothing immediately. Obtain medical advice if skin disorders develop.
Inhalation: Ingestion:	Remove from exposure, rest and keep warm and obtain medical attention urgently. Wash out mouth with water. Do NOT induce vomiting. Obtain medical attention.

#### **5: FIRE FIGHTING MEASURES**

Suitable Extinguishing Media: None, not flammable.

Special Exposure Hazards: None.

Special Protective Equipment: None.

## **6: ACCIDENTAL RELEASE MEASURES**

Personal Precautions:

Wear rubber boots in addition to the recommended protective clothing.

**Environmental Precautions:** Prevent entry into drains, sewers and water courses.

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Avoid the creation of dust in atmosphere. Gather into containers. Residues may be flushed to drain with large volumes of water.

#### 7: HANDLING AND STORAGE

Handling:

Avoid creating dust. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid skin and eye contact.

Storage: Store in cool, dry area.

#### 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:	-		
Substance	8 Hour TWA	STEL	Source/Other Information
calcium hydroxide	5 mgm <sup>-3</sup>		EH 40
silica, amorphous: total inhalable dust respirable dust	6 mgm <sup>-3</sup> 2.4 mgm <sup>-3</sup>		EH 40
portland cement: total inhalable dust respirable dust	10 mgm <sup>-3</sup> 4 mgm <sup>-3</sup>		EH 40

**Engineering Control Measures:** 

Atmospheric levels of dust must be maintained within the Occupational Exposure Limit. Where mechanical methods are inadequate or impractical, appropriate personal protective equipment must be used.

Personal Protective Equipment:

Impervious gloves (eg PVC). Goggles / Safety glasses. Approved dust mask. Wear impervious, chemical resistant boots.

## 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Granulated powder.	
Colour:	Grey.	
Odour:	Odourless.	
pH(concentrate):		
pH(working dilution):	>12	
Boiling Point/Range (°C):	Not applicable.	
Melting Point/Range (°C):	Not applicable	
Flash Point (closed, °C):	None.	
Autoflammability (°C):	Not determined.	
Viscosity (at 20°C):		
Explosive Properties (%):		
Oxidising Properties:		
Vapour Pressure (kPa at 20°C):		
Relative Density (at 20°C):	1.35 (bulk)	
Water Solubility:	Insoluble.	
Fat Solubility:		
Partition Coefficient (n-		
octanol/water):		
Other data:		
10: STABILITY AND REACTIVITY		
Stability:	Stable.	
Conditions to Avoid:	Exposure to air. Contamination with water.	
Materials to Avoid:	Strong acids.	
Hazardous Decomposition Produc	ts: None.	

### 11: TOXICOLOGICAL INFORMATION

#### **Health Effects** On Eyes: Irritating and may injure eye tissue if not removed promptly. On Skin: Irritation. See "chronic" effects. By Inhalation: Irritating to respiratory system. Inflammation of the nasal mucous membrane by exposure to cement dust. By Ingestion: May cause irritation of mouth, throat and digestive tract. Chronic: Cement, cementitious grouts and mortars are known to cause both irritant and allergic contact dermatitis. Prolonged skin contact can result in chemical burns. Other: **12: ECOLOGICAL INFORMATION Environmental Assessment:** Little detailed information is available on the ecological effects of this product, but its overall environmental impact is not regarded as significant Mobility: Insoluble in water. Persistence and Degradability: Not readily biodegradable. **Bioaccumulative Potential:** Not determined. Ecotoxicity: Not expected to be ecotoxic to fish/daphnia/algae in cured state. **13: DISPOSAL CONSIDERATIONS** Unused Product: Dispose of in an approved manner. **Used/Contaminated Product:** As for Unused product. Packaging: The method of disposal must be acceptable to the local authority. **14: TRANSPORT INFORMATION** This product is NOT classified as dangerous for transport. UN Number: Marine Pollutant: IMO: Class: Packing Group: IATA/ICAO: Class: Packing Group: ADR: Class: Item: Transport Name: Hazchem/Kemler Code: **15: REGULATORY INFORMATION** Hazard Label Data:-Named Ingredients: cement powders **UN Number:** Symbol(s): Xi **Risk Phrases:** Irritating to skin. Risk of serious damage to eyes. Safety Phrases: Do not breathe dust Avoid contact with skin and eves In case of contact with eyes, rinse immediately with plenty of water and seek medical advice Wear suitable protective clothing, gloves and eye/face protection EC Directives: Dangerous Substances Directive, 67/548/EEC and adaptations. Dangerous Preparations Directive, 88/379/EEC. Safety Framework Directive, 89/391/EEC. Safety Data Sheets Directive, 91/155/EEC.

Statutory Instruments:	Chemicals (Hazard Information and Packaging for Supply) (Amendment) Regs. 1999 (SI 1092). Health & Safety at Work, etc. Act 1974.
	Control of Substances Hazardous to Health Regs. 1999 (SI 437).
Codes of Practice:	Waste Management. The Duty of Care.
Guidance Notes:	Occupational skin diseases: health and safety precautions (EH 26). Dust in the workplace: general principles of protection. (EH44). Occupational exposure limits (EH 40).
The above publications	are available from HMSO

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#### **16: OTHER INFORMATION**

The data and advice given apply when the product is used for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. The product should not be used other than for the stated application or applications without seeking advice from Fosroc Ltd.

If this product has been purchased for supply to a third party for use at work, it is the purchaser's duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

It is the responsibility and duty of the employer to inform employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.

This sheet does not constitute or substitute for the users own assessment of workplace risk, as required by other health and safety legislation.

Further copies of this Safety Data Sheet may be obtained from Fosroc Limited.

dated:

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#### REVISION

Supersedes issue no:

Sections updated/revised - no(s): 1