



SAFETY DATA SHEET

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

Product Name: **BRUSHBOND TGP**

Application: Cementitious coating.

Company: Al Gurg Fosroc LLC

Address: Post Box 657, Dubai, United Arab Emirates

Telephone: +9714-2858606 (Out of Hours) +9714-7045215 Fax: +9714-2859649

2: COMPOSITION/INFORMATION ON INGREDIENTS

Composition: portland cements, silica sands, calcium hydroxide.

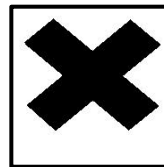
Hazardous Ingredient(s)	Symbol	Risk Phrases	Other Information	%
Cement (OPC)	Xi	R36/37/38	Cas No: 65997-15-1	>25 <50
calcium hydroxide	Xi	R38, 41	Cas No: 1305-62-0	>10 <25
			Cas No:	
			Cas No:	
			Cas No:	

All constituents of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or ELINCS (European List of New Chemical Substances) or are exempt.

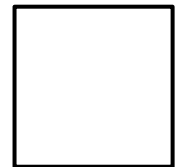
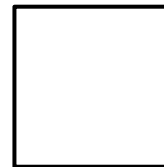
Refer to Section 8 for Occupational Exposure Limits.

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: Remove from exposure, rest and keep warm and obtain medical attention urgently.

Ingestion: 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.

Decontamination Procedures: 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 ⁻³	---	EH 40
silica, amorphous: total inhalable dust	6 mgm ⁻³	-----	EH 40
respirable dust	2.4 mgm ⁻³		
portland cement: total inhalable dust	10 mgm ⁻³	-----	EH 40
respirable dust	4 mgm ⁻³		

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 Products: 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:

IMO:	Class:	Packing Group:	Marine Pollutant:
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 eyes
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.

