

# SAFETY DATA SHEET

## A. Identification of the Substance / Preparation and of the Company Undertaking

Product Name: SpEC Tile Bond  
Company: Speciality Engineering Chemicals  
Address: P.O Box No. 61347, Dubai, U.A.E  
Telephone: +971-4-8836662 Facsimile: +971-4-8837696  
E-mail: info@spec.ae Web site: www.spec.ws

## B. Composition / Information on Ingredients

General Composition: Blend of Portland cement, graded sand and organic polymers.

<u>Substance</u>	<u>CAS No.</u>	<u>Content%</u>	<u>Class(R-Phrases)</u>
Portland cement	65-997-15-1	40 – 50	X R37/38, 41

## C. Hazards Identification

### Potential Health Hazards

Primary Routes of Entry: Inhalation, skin contact, eye contact and ingestion.

## D. First Aid Measures

Eyes: Wash immediately with plenty of water. If eye irritation persists, consult a specialist.  
Skin: After contact with skin, wash with soap and water.  
Inhalation: If symptoms due to inhalation are observed, remove person to fresh air.  
Ingestion: If accidentally swallow drink plenty of water and obtain medical attention.

## E. Fire Fighting Measures

General Fire Fighting: This product is not considered a fire hazard.

## F. Accidental Release Measures

Personal Protection: Wear eye protection and impervious gloves. Contact with skin and eyes should be avoided. Dust mask recommended.  
Environmental Protection: Prevent entry into sewers and water courses.  
Disposal: After spillage/leakage mix with water and allow hardening. Bury in landfill.

## G. Handling and Storage

Technical Protective Measures: Avoid formation of dust. Store out of direct sunlight, protect from rainfall. Avoid excessive compaction. Mildly caustic will degrease skin, causing irritation.

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## H. Exposure Controls / Personal Protection

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Total Inhalable Dust: 10 mg/m<sup>3</sup> (8 hour TWA ref. period)  
Respirable Dust: 4 mg/m<sup>3</sup> (8 hour TWA ref. period)  
Personal Protection: Use dust masks, gloves, safety goggles and work overalls.

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## I. Physical and Chemical Properties

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Form: Powder  
Colour: Grey  
Odour: None  
Change in Physical State: None  
Boiling Point/Melting Point: N/A  
Auto Flammability: None  
Explosion Limits Upper/Lower: N/A  
Thermal Decomposition: None  
Bulk Density: 1845 kg/m<sup>3</sup>  
Specific Gravity: N/A  
Solubility in Water: Partly miscible in water

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## J. Stability and Reactivity

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Stability of Substance: Stable under normal conditions.  
Hazardous Reaction: None known.  
Cement reacts with water and hardens.

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## K. Toxicological Information

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### Information on Toxicity

General Acute Oral Toxicity (LD50 Rat): No data  
Skin/Eyes: Irritant  
Other Information: Inhalation of cement dust may cause irritation of respiratory tracts.

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## L. Ecological Information

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Ecological Effect: Do not discharge product in bulk quantities into sewers and drains as it might block flow of sewage water.

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## M. Disposal Considerations

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Disposal: Mix with water and allow to harden and bury in landfill. Refer to the local regulation regarding disposal.

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**N. Transport Information**

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This product is not classified as dangerous for transport.

UN No.: N/A

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**O. Regulatory Information**

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No data available

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**P. Other Information**

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X: Irritating

R37/38: Irritates respiratory organ and the skin.

R41: Can result in serious eye injuries.