



The Chemical Company

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **EMACO S88C + MCI**  
Other name: None allocated  
Product code: 2020201025003\_  
Recommended use: Shrinkage compensated, high strength repair mortar.

Company: BASF Construction Chemicals Australia Pty Ltd.  
ABN: 46 000 450 288  
Address: 11 Stanton Road,  
Seven Hills, NSW, 2147, Australia  
Telephone number: +61 2 8811 4200  
Facsimile: +61 2 8811 3299

Company: BASF Construction Chemicals New Zealand Ltd.  
Address: 45 William Pickering Drive,  
Albany, Auckland,  
New Zealand  
Telephone number: +64 9 414 7233  
Facsimile: +64 9 414 7244

Emergency telephone number: 0417 658 263,

### 2. HAZARDS IDENTIFICATION

Hazard classification: Hazardous according to criteria of NOHSC  
Risk phrase(s): None allocated  
Safety phrase(s): None allocated

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### INGREDIENTS

Chemical Name	CAS Number	Proportion
Portland cement	65997-15-1	30 - 60%
Quartz filler blend	14808-60-7	30 - 60%
Amorphous silica	7631-86-9	< 10%
Non-hazardous ingredients		to 100%

### 4. FIRST AID MEASURES

Ingestion: Do NOT induce vomiting. Wash mouth with water and seek medical attention.  
Eyes: While holding eyes open, gently flood with plenty of fresh water for 15 minutes. If irritation persists or recurs seek medical attention. Skilled personnel should only undertake removal of contact lenses after an eye injury.

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Skin: Wash contacted area thoroughly with soap and plenty of water. Seek medical attention in event of irritation.  
Inhalation: Remove to fresh air. If breathing is difficult give oxygen.  
First aid facilities: Ensure availability of clean water for eye/skin wash.  
Advice to doctor: Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Foam, CO<sub>2</sub> and Dry Chemical.  
Hazards from combustion products: Not normally combustible. Possible CO<sub>2</sub> @ >600°C. May fuse at very high temperature.  
Precautions and equipment for fire fighters: None  
Hazchem code: None allocated

### 6. ACCIDENTAL RELEASE MEASURES

Methods for clean up / collecting: Vacuum or Sweep up. Avoid generating dust.  
Environmental precautions: Do not discharge into sewers or waterways.

### 7. HANDLING AND STORAGE

#### Conditions for safe storage

Location: Store in a cool, dry area.  
Temperature conditions: 5 to 35°C  
Protection from weather: Store undercover and away from moisture.  
Storage incompatibilities: Strong oxidising agents, acids and alkalis.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards: 0.1mg/m<sup>3</sup>  
Engineering controls: Use in a well ventilated area. Avoid generating and inhaling dusts.  
Respiratory protection: Class P1 or dust mask.  
Glove type (AS2161): Nitrile rubber or PVC gauntlets  
Eye protection: Chemical worker's goggles.  
Clothing: Overalls  
Other: Use barrier creams to protect skin from contact with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Cement grey powder  
Boiling point (°C): > 200  
Melting point (°C): Not available

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Vapour pressure: Not applicable  
Specific gravity: ca. 2.0  
Flash point (°C): Not applicable  
Flammability limits (%): UEL – not applicable  
LEL – not applicable  
Solubility in water: Insoluble  
pH (1:1 mixture): > 11

### 10. STABILITY AND REACTIVITY

Hazard of use/storage: Stable under normal storage and application temperature.  
Materials to avoid: Strong oxidising agents, acids and alkalis.  
Hazardous decomposition products: Possible CO<sub>2</sub> release.

### 11. TOXICOLOGICAL INFORMATION

#### Acute

Ingestion: Swallowing can result in irritation and burns to mouth and stomach.  
Eye: The dust is abrasive and irritating to the eyes and may be capable of causing corneal scarring.  
Skin: Slight irritant and may cause dermatitis. In the presence of moisture such as perspiration it can dry skin and cause alkali burns.  
Inhalation: The dust is harmful and irritating to the upper respiratory tract and lungs. The Material presents a hazard from repeated exposures over long period.

Chronic: Overexposure to respirable dust may cause coughing, wheezing, difficulty in breathing and impaired pulmonary function; chronic symptoms include decreased vital lung capacity and chest infections. Chronic exposure may cause silicosis, a disabling form of pneumoconiosis, which leads to fibrosis.

### 12. ECOLOGICAL INFORMATION

Ecology: Do not discharge into sewers or waterways.

### 13. DISPOSAL CONSIDERATIONS

#### Disposal Methods

State/Territory authority: Observe all Federal, State and Local regulations  
Dispose – Secure landfill: Yes.  
Dispose – High temp incinerator: No  
Precautions for clean up crew: Nitrile rubber gloves and dust mask.

### 14. TRANSPORT INFORMATION

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UN number:	None allocated	Dangerous goods class:	None allocated
Subsidiary risk:	None allocated	EPG card:	None allocated
Shipping name:	None allocated	Packing group:	None allocated
Poisons schedule:	None allocated	Hazchem code:	None allocated

### 15. REGULATORY INFORMATION

Risk phrase(s):	None allocated
Safety phrase(s):	None allocated

### 16. OTHER INFORMATION

Reason for Issue: Change of company name.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. All information contained in this MSDS is as accurate and up-to-date as possible. No warranty expressed or implied is made as to its accuracy, reliability or completeness.