

# Material Safety Data Sheet

## BOND COAT BC40

According to Regulation [EC] No 1907/2006 (REACH)

### 1. Product and company identification

Registered Trade Name: BOND COAT BC40

Grain sizes in mm: 0 – 0.5 mm

Usage or Preparation:

Information on the manufacturer/supplier: DMC – Dry Mortar Company  
P.O. Box 355798  
Riyadh 11383, Saudi Arabia  
Tel: +966 11 499 2374  
Fax: +966 11 499 2367  
Email: sales@dmc-mix.com  
www.dmc-mix.com

### 2. Possible dangers

Classification: This product is excluded from the specific labeling requirements of 1999/45/EG and guideline 67/548/EWG.

Description of dangers: Not applicable

Special danger designations for man and environment: Dust may cause irritations at eyes and respiratory tract.

Note for medical doctors: Show this data sheet to attending doctor.

### 3. Composition/information on ingredients

Component	CAS No:	Percent (by weight)
Binder	65997-15-1	> 20%
Aggregate	14808-60-7	50 - 80%
Filler	1305-78-8	> 25%
Additive	9063-87-0	> 10%

Index no: Not controlled / Not regulated

Additional details: Not applicable

### 4. First aid measures

After inhalation: Move affected person to fresh air. If nose or airways become inflamed seek medical attention.

After skin contact: Wash the affected area thoroughly with soap and water. If irritation continues seek medical advice. Clothing contaminated with wet product should be removed and washed thoroughly before reuse.

After eye contact: Wash eyes immediately with plenty of clean water for at least 15 minutes and seek medical advice without delay.

After ingestion: If swallowing has occurred do not induce vomiting. Give person plenty of water to drink. Seek medical attention.

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### 5. Fire-fighting measures

General information:

Not applicable. This product is non-combustible. Also there is no special risk by its preparation or the comprised elements.

Firefighting protective equipment:

Not applicable

Exposure hazards:

Do not release water contaminated with Portland cement into surface water drains.

### 6. Accidental release measures

Personal precautions:

Avoid contact with skin, eyes and clothing. Avoid breathing dust.

Environmental precautions:

Prevent contamination of surface water.

Methods of cleaning:

Recover spillage in dry state if possible. Minimize generation of airborne dust. The product can be slurried with water. Keep children away from clean up operations. Dispose to a place authorized to accept builder's waste. Small quantities can be disposed of as normal household waste.

### 7. Handling and storage

Notes for safe handling:

When handling bags of Portland cement-based products, due regard should be paid to Manual Handling Operations Regulations. Some bags may have a small amount of cement dust on their outer surface. Appropriate personal protection should be used whilst handling.

Risks at preparation:

Avoid formation of dust. The usage of particle filtered protective mask P2 is required if the dust concentration rises above the reference value.

Notes for fire and explosion protection:

Non-combustible

Storage space and vessel requirements:

Not applicable

Information for combined storage:

Not applicable

Additional designation of the storage requirements:

Protect against humidity

Storage classifications:

Not applicable

### 8. Exposure controls/personal protection

Technical protective measures:

No special measures required

Limits of exposure:

Workplace Exposure Limits (OES) Limits 8 hour TWA (According to EH40/05) Total inhalable dust:10mg/m<sup>3</sup> Respirable dust:4mg/m<sup>3</sup>

Components which have to be monitored according to limits based on the workplace:

Not applicable

Additional notes according to limits:

Not applicable

#### Personal protection

Measures of safety and hygiene:

Not necessary

Respiratory protection:

Suitable respiratory protection should be worn to ensure that personal WEL is not exceeded. If care is taken not to raise dust during handling the use of respirators is not normally necessary.

Eye protection:

Wear safety glasses with side shields to protect against eye contact.

Hand protection:

Wear suitable protective gloves in order to minimize skin contact.

Body protection:

Wear general purpose work overall to protect skin from irritation.



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### 9. Physical and chemical properties

Physical state:	Solid / powder
Appearance:	Grey Powder
Odour:	Odourless
<b>Change in state:</b>	
Boiling point:	Not expedient; It's a mineral product
Melting point:	Approx. 1200°C (1650°F), published values of container glass
Softening point:	Not applicable
Flashpoint:	Non-combustible
Explosion limit:	Not applicable
Vapour pressure:	Not applicable
Specific gravity:	1440KG/m <sup>3</sup> (±50KG)
Solubility in water:	Slight, reacts on mixing with water forming an alkaline (caustic) solution (pH > 11)
ph-value:	8-11 (20°C / 100g/L in 1L of water), pH-meter
Danger of dust explosion:	Not applicable
<b>Additional information</b>	
Viscosity:	Not applicable
Vapour density:	Not applicable
N-octanol-water partition coefficient:	Not definable; adipic insolvable solid

### 10. Stability and reactivity

Stability:	Chemically stable
Conditions to avoid (stability):	Not applicable
Incompatibility (material to avoid):	None
Hazardous decomposition or by-products:	None

### 11. Toxicological information

Acute toxicity (LD50/LC50):	RTECS unavailable
Inhale:	None known
Skin contact:	Not applicable
Sensitisation:	None known
Eye contact:	Irritations may appear
Ingestion:	Irritations of the mouth, trachea, stomach and intestines may appear.
CMR effects (carcinogenity, mutagenity and toxicity for reproduction):	None known
Subacute or chronic toxicity:	None known
Repeated dose toxicity:	None known

### 12. Ecological information

Information for degradation:	Biological non-degradable as of mineral origin
Mobility in the soil:	Not applicable
Exotoxic effects:	Not applicable



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### 13. Disposal considerations

AVV Refuse code:	170202
Refuse description:	Portland Cement
AVV packing:	Not applicable

### 14. Transport information

#### Road transportation ADR/RID and GGVSE

GGVSE:	Not a hazardous material
RID/ADR:	Not applicable
Warning sign No.:	Not applicable

#### Inland waterway transportation

AND/ADNR:	Not a hazardous material
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#### Sea transport

IMDG/GGVSea:	Not a hazardous material
IMO:	Not a hazardous material
UN-No.:	Not applicable
GGVSea-packing group:	Not applicable
EMS:	Not applicable
MFAG:	Not applicable

#### Air transportation

ICAO/IATA:	Not a dangerous good
ICAO packing group:	Not applicable
Transport/additional information:	Protect from humidity max. blowing pressure: 0.8 bar

### 15. Regulation on assessment of material safety

#### Guidelines by EC

Danger symbol:	Not applicable
Danger defining components:	Not applicable
R-phrases:	Not applicable
S-phrases:	S 24/25 Avoid contact with skin and eyes
Special identification of certain preparations:	Not applicable

### 16. Other information:

The details are based on today's state of our knowledge and serve to describe the product with regard to the correct safety regulations. It does not represent any assurance of product properties and does not give reasons for any contractual facts of the case. Users must decide even on the suitability of this information for her certain purpose.