



انظمة تشطيب  
Finishing Systems

# 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:	Bond Coat BC40 is a 2 component cementitious acrylic polymer coating. It consists of a factory pre-bled cementitious powder delivered in a 20Kg paper bag and a 10 liter plastic pail containing 6 liter of acrylic polymer to which 4 liters of water are added at the time of mixing it all together.
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:	Spilling of liquids may make surfaces slippery.
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. In case of inflammation seek medical attention.
After skin contact:	Wash the affected area thoroughly with soap and water. If irritation continues seek medical advice.
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 material into water drains.

### 6. Accidental release measures

Personal precautions:

Avoid contact with skin, eyes and clothing

Environmental precautions:

Prevent contamination of surface water.

Methods of cleaning:

Add absorbent sand to recover liquified material. Keep children away from clean up operations. Dispose to a place authorized to accept builder's waste.

### 7. Handling and storage

Notes for safe handling:

When handling containers due regard should be paid to Manual Handling Operations Regulations. Use only safety approved handling equipment.

Risks at preparation:

None if handles according to instructions.

Notes for fire and explosion protection:

Non-combustible

Storage space and vessel requirements:

Store in a cool, dry place away from direct sunlight.

Information for combined storage:

All DMC products may be stored together, or in a combined warehouse for dry mortar products. Do not place liquid components on top of dry mortar products.

Additional designation of the storage requirements:

Do not store below 5 degree Centigrade

Storage classifications:

TRGS510 Class 12, non combustible liquid material

### 8. Exposure controls/personal protection

Technical protective measures:

No special measures required

Limits of exposure:

not applicable

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:

Observe all standard industrial hygiene measures

Respiratory protection:

apply in a well ventilated space

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.

### 9. Physical and chemical properties

Physical state:

liquid

Appearance:

White or Grey Powder

Odour:

Odourless

Change in state:

Boiling point:

Not expedient; It's a mineral product



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Melting point:  
Softening point:  
Flashpoint:  
Explosion limit:  
Vapour pressure:  
Specific gravity:  
Solubility in water:  
ph-value:  
Danger of dust explosion:  
**Additional information**  
Viscosity:  
Vapour density:  
N-octanol-water partition coefficient:

Approx. 1200°C (1650°F), published values of container glass  
Not applicable  
Non-combustible  
Not applicable  
Not applicable  
1050KG/m<sup>3</sup> (±100KG)  
can be diluted with water  
8-11 (20°C / 100g/L in 1L of water), pH-meter  
no hazard when normal handling procedures are observed  
  
Not applicable  
Not applicable  
Not definable; adipic insolvable solid

### 10. Stability and reactivity

Stability:  
Conditions to avoid (stability):  
Incompatibility (material to avoid):  
Hazardous decomposition or by-products:

Chemically stable  
no known adverse conditions  
None known  
None

### 11. Toxicological information

Acute toxicity (LD50/LC50):  
Inhale:  
Skin contact:  
Sensitisation:  
Eye contact:  
Ingestion:  
CMR effects (carcinogenicity, mutagenity and toxicity for reproduction):  
Subacute or chronic toxicity:  
Repeated dose toxicity:

RTECS unavailable  
None known  
Not applicable  
None known  
Irritations may appear  
Irritations of the mouth, trachea, stomach and intestines may appear.  
  
None known  
None known  
None known

### 12. Ecological information

Information for degradation:  
Mobility in the soil:  
Exotoxic effects:

Biological non-degradable as of mineral origin  
Not applicable  
Not applicable



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### 13. Disposal considerations

AVV Refuse code: 16 10 02  
Refuse description: Aqueous liquid waste without dangerous substances  
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

#### 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 excessive heat and from cold below 5 degree Centigrade

### 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.