

# Material Safety Data Sheet

## TOP COAT TC60

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

### 1. Product and company identification

Registered Trade Name: TOP COAT TC60

Grain sizes in mm: 0 – 1.3 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:

Note for medical doctors: Dust may cause irritations at eyes and respiratory tract. Show this data sheet to attending doctor.

### 3. Composition/information on ingredients

| Component | CAS No:                | Percent (by weight) |
|-----------|------------------------|---------------------|
| Binder    | 471-34-1 / 1305-62-0   | > 20%               |
| Aggregate | 471-34-1               | 50 - 80%            |
| Filler    | 471-34-1               | > 25%               |
| Additive  | 65996-63-6 / 9004-67-5 | >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.

# Material Safety Data Sheet

## TOP COAT TC60

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

### 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.

## Material Safety Data Sheet TOP COAT TC60

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

### 9. Physical and chemical properties

|  |  |
|--|--|
| Physical state:                        | Solid / powder   |
| Appearance:                            | White 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                                 |

# Material Safety Data Sheet

## TOP COAT TC60

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

### 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 |
|-----------|--------------------------|

#### 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       |

|  |  |
|--|--|
| <b>Transport/additional information:</b> | 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.