

## SAFETY DATA SHEET

# Armourcast

### 1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name:** Armourcast  
**Use / description:** Professional use casting plaster.  
**Company name:** Armourcoat Surface Finishes  
Morewood Close, London Road  
Sevenoaks, Kent TN13 2HU  
United Kingdom  
Tel: +44 (0)1732 460668  
Fax: +44 (0)1732 450930

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

- Hazardous ingredients:**
- CALCIUM CARBONATE 30-50%  
EINECS: 207-439-9 CAS: 471-34-1
  - CALCIUM MAGNESIUM CARBONATE 10-30%  
EINECS: 240-440-2 CAS:16389-88-1
  - CALICUM OXIDE 1-10%  
EINECS: 215-138-9 CAS: 1305-78-8  
[Xi] R38; [Xi] R41
  - GYPSUM 30-50%

### 3. HAZARDS IDENTIFICATION

**Main Hazards:** No significant hazard.

### 4. FIRST AID MEASURES (SYMPTOMS)

- Skin contact:** There may be mild irritation the site of contact.  
**Eye contact:** There may be irritation and redness.  
**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.  
**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

### 4. FIRST AID MEASURES (ACTION)

- Skin contact:** Wash out immediately with plenty of soap and water.  
**Eye contact:** Bathe the eye with running water for 15 minutes.  
**Ingestion:** Wash out mouth with water.  
**Inhalation:** Consult a doctor.

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### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

**Exposure hazards:** In combustion emits toxic fumes.

**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

**Environmental precautions:** Do not discharge into drains or rivers.

**Clean-up procedures:** Wash the spillage site with large amounts of water.

### 7. HANDLING AND STORAGE

**Handling requirements:** Avoid the formation or spread of dust in the air.

**Storage conditions:** Store in cool, dry, well ventilated area.

**Suitable packaging:** Must only be kept in original packaging.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Hazardous ingredients:**
- CALCIUM CARBONATE  
TWA (8 hr exposure limit): 10mg/m<sup>3</sup> (OES)
  - CALCIUM MAGNESIUM CARBONATE  
TWA (8 hr exposure limit): 10 mg/m<sup>3</sup> (OES)
  - CALCIUM OXIDE  
TWA (8 hr exposure limit): 2mg/m<sup>3</sup>
  - GYPSUM  
TWA (8 hr exposure limit): 10mg/m<sup>3</sup>

**Respiratory protection:** Respiratory protective device with particle filter.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Powder

**Colour:** White

**Odour:** Odourless

**Solubility in water:** Slightly soluble

### 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Humidity.

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### 11 TOXICOLOGICAL INFORMATION

**Hazardous ingredients:** • CALCIUM MAGNESIUM CARBONATE  
ORAL RAT LD50 >2000 mg/kg

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

### 12. ECOLOGICAL INFORMATION

**Persistence and degradability:** Biodegradable.

**Bioaccumulative potential:** No bioaccumulative potential.

**Other adverse effects:** Negligible ecotoxicity.

### 13. DISPOSAL CONSIDERATIONS

**Disposal:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

### 14. TRANSPORT INFORMATION

**IMDG (Sea)** Not classified.

**ADR (Road)** Not classified.

**RID (Rail)** Not classified.

**IATA (Air)** Not classified.

### 15. REGULATORY INFORMATION

**Hazard symbols:** No significant hazard.

**Risk Phrases:** R38 Irritating to skin.

R41 Risk of serious damage to eyes.

**Safety phrases:** S22: Do not breathe dust.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

### 16 OTHER INFORMATION

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.