

## MATERIAL SAFETY DATA SHEET: JESMONITE BASE

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

**Product name**

JESMONITE BASE

**Company Address:**

Jesmonite Limited. Challenge Court, Bishop's Castle, Shropshire, SY9 5DW

**Information in case of emergency:**

Tel:+44 (0) 1588 630302 Fax:+44 (0) 1588 630304 Web: www.jesmonite.co.uk Email: sales@jesmonite.co.uk

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Generic Name**

Calcium Sulphate Alpha

**Chemical Name**

Calcium Sulphate Hemihydrate

**Chemical Composition**

CaSO<sub>4</sub>·0.5H<sub>2</sub>O

**Ingredients contributing to the hazards**

None

### 3. HAZARDS IDENTIFICATION

May cause skin irritation (mechanical effect).

May cause irritation in case of eye contact.

### 4. FIRST AID MEASURES

Skin contact: Wash the affected area carefully with soap and clean water.

Eye contact: Wash eyes immediately with plenty of clean water and seek medical advice if irritation persists.

### 5. FIRE FIGHTING MEASURES

Non-flammable product which does not favour other products combustion.

**Extinguishing media** – Not applicable.

### 6. ACCIDENTAL RELEASE MEASURES

**On spillage**

By brush and shovel as appropriate.

**Personal precautions**

Dust mask and glasses

**Environmental precautions**

Follow paragraph 13 instructions.

### 7. HANDLING AND STORAGE

**Handling procedures**

**Prevention:** Avoid repeated skin and eye contact with dry and the hydrated powder. In case of dust release during operation, collect dust to nearest the emission point.

**Precautions:** Ensure adequate ventilation, and/or dust extraction (general in the workshop and specific for the mixing facility).

**Safe handling advice:** Not applicable.

**Storage Conditions**

**Technical measures:** Good stock rotation.

**Storage conditions:** Store clear of the ground and protect from moisture, condensation and heat.

**Packaging materials:** Polythene lined plastic pail, bulk paper sacks.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Personal protective equipment

Dust mask and glasses.

### Exposure limits

Total inhalable dust = 10mg/m<sup>3</sup>/8

Respirable dust = 4mg/m<sup>3</sup>/8h

(occupational exposure standards)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                              |        |
|------------------------------|--------|
| Physical State               | Powder |
| Colour                       | White  |
| Odour                        | None   |
| pH (5% in pure water)        | 8.4    |
| Relative Density             | 2.75   |
| Melting Point                | 1610°C |
| Water Solubility (25C-50g/1) | 6.5    |
| Flammability                 | N/A    |
| Explosive Properties         | N/A    |

NB: Additions of plasticiser and fillers will affect colour, relative density and water solubility.

## 10. STABILITY AND REACTIVITY

Stable product which does not cause any dangerous reactions with other substances

|                                  |      |
|----------------------------------|------|
| Hazardous decomposition products | None |
| Conditions to avoid              | None |
| Use measures                     | None |

## 11. TOXICOLOGICAL INFORMATION

|                          |           |
|--------------------------|-----------|
| Acute toxicity ingestion | Not toxic |
| Inhalation               | Not toxic |
| Skin irritation          | Irritant  |
| Eye irritation           | Irritant  |

## 12. ECOLOGICAL INFORMATION

No effects when paragraph 13 measures are followed.

## 13. DISPOSAL CONSIDERATIONS

### Procedure

Dispose of the product in a rubbish dump on conditions that it is not mixed to organic waste. Do not throw away the product in the sewerage system, purely for mechanical reasons.

## 14. TRANSPORT INFORMATION

Not classified as hazardous for transport purposes.

## 15. REGULATORY INFORMATION

|                             |      |
|-----------------------------|------|
| EEC Regulatory Information: | None |
|-----------------------------|------|

Packaging disposal according to the local disposal regulations.

## 16. OTHER INFORMATION

This safety data sheet does not exempt the user from knowing and abiding by the legislation ruling his activity.

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