

# SAFETY DATA SHEET

Date of Issue: 14/03/12

Page 1 of 3  
ISSUE NO: 1

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

**Product name:** CASTING POWDER

**Product Code:** CP

**Supplier:** Scolaquip  
Scola House, Unit 10 Dalton Way  
Midpoint 18, Middlewich  
Cheshire CW10 0HU  
England

Tel: +44 (0) 1606 836076

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## 2: COMPOSITION/INFORMATION ON CONTENTS

Substance	CAS No.	Concentration	Risk Symbol/R-phrases(s)
Calcium sulphate hemihydrate	26499-65-0	97-100%	
Crystalline Silica	14808-60-7	0-3%	R48/20 R40/20

## 3: HAZARDS IDENTIFICATION

Eye contact can cause irritation, inflammation and/or burns.

Skin contact may cause irritation and/or burns. Avoid prolonged or repeated skin contact with wet plaster.

This product gives off heat when mixed with water for setting, which may result in serious skin burns if used for casting body parts. Inhalation may cause irritation.

## 4: FIRST-AID MEASURES

**After inhalation:**

Remove patient to fresh air. If symptoms persist seek medical attention.

**After skin contact:**

Wash with soap and water. Seek medical attention if symptoms persist.

**After eye contact:**

Wash immediately with copious amounts of water. Seek medical attention if irritation persists.

**After consumption:**

Do not induce vomiting. Drink water. Seek medical attention if symptoms persist.

## 5: FIRE FIGHTING MEASURES

Non-flammable product.

**SAFETY DATA SHEET**

(Casting Powder)

**6: WASTE/ACCIDENT DISCHARGE MEASURES**

Sweep or vacuum up. Avoid raising dust. Avoid skin contact.

**7: HANDLING AND STORAGE**

**HANDLING:** Avoid eye and repeated skin contact with dry and hydrated powder. Ensure adequate ventilation.

**STORAGE:** Avoid generation of dust. Avoid contact with moisture.

**8: LIMITATION OF EXPOSURE/PERSONAL PROTECTION**

Total inhalable dust = 10mg / m<sup>3</sup> (8 hour time weighted average).  
Respirable dust = 4mg / m<sup>3</sup> (8 hour time weighted average).

**9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Off white powder
<b>pH:</b>	5% in pure water pH 7.5-10.5
<b>Boiling point (°C):</b>	N/A
<b>Melting point (°C):</b>	N/A
<b>Decomposition point (°C):</b>	>1200
<b>Flash point (°C):</b>	N/A
<b>Explosive properties:</b>	None
<b>Steam pressure (kPa):</b>	N/A
<b>Density (g/cm<sup>3</sup>):</b>	2.75
<b>Solubility (% by weight):</b>	0.72

**10: STABILITY AND REACTIVITY**

Stable. Hygroscopic. Absorbs water. Keep dry in a sealed container. Decomposition products are sulphur Trioxide and calcium oxide (quick lime).

**11: TOXICOLOGICAL INFORMATION**

Non Toxic

**12: ECOTOXICOLOGICAL INFORMATION**

Calcium sulphate is slightly soluble in water. In the presence of organic material and in certain anaerobic Conditions formation of hydrogen sulphide is possible.

## SAFETY DATA SHEET

(Casting Powder)

### 13: DISPOSAL CONSIDERATIONS

Dispose as household waste.

### 14: TRANSPORT INFORMATION

**Freight classification:** Not classified.

### 15: REGULATORY INFORMATION

Chemicals (Hazard information and Packaging for Supply) regulations 1994  
Not classified as dangerous under E.C. or UK National regulations.

### 16: ADDITIONAL INFORMATION

Data source: Raw material suppliers' Health & Safety Data Sheets  
and Independent Testing House Report.

Signed:

Date: