

## SAFETY DATA SHEET

Date: October 2014

Reference: CP/PJO

### SECTION 1: Identification of the substance / mixture and of the company undertaking

**1.1 Product Identifier :** Casting Plaster (all versions)

Substance Name Calcium Sulphate Hemi-hydrate, <3% Crystalline Silica

CAS No.: 26499-65-0

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: As a modelling material

Uses advised against: All other uses

Reasons why uses advised against: The Casting Plaster has been developed and tested specifically for this use and is not recommended to be used for any other application.

### 1.3 Details of the supplier of the safety data sheet

Supplier: Creative Art Products Limited  
Scola House, 10 Dalton Way  
Middlewich, Cheshire  
CW10 0HU  
U.K

Telephone Number: 01606 836076

Fax Number: 01606 841727

Email address: [orders@scolaquip.co.uk](mailto:orders@scolaquip.co.uk)

### 1.4 Emergency telephone number

Number: 01606 836076

Opening Hours (GMT): 8am-5pm Monday-Thursday, Friday 8am-12.45pm

Language: English

## **SECTION 2: Hazards Identification**

### **2.1 Classification of the substance or mixture**

#### 2.1.1 Classification according to Regulation (EC) No. 1272/2008 (CLP)

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. However a safety data sheet is being supplied for it on request.

#### 2.1.2 Classification according to Directive 1999/45/EC

This product does not meet the criteria for classification in accordance with Directive 1999/45/EC. Information on the substances in the mixtures is provided under Subsection 3.2.

### **2.2 Label Elements**

The product does not require labelling according to Regulation (EC) No. 1272/2008 (CLP)

### **2.3 Other Hazards**

May cause eyes, skin, throats and lung irritation in sensitive individuals.

WARNING – DO NOT attempt to make an enclosed cast of any body parts such as hands or fingers. This product gives off heat when mixed with water for setting, which may result in serious skin burns if used for casting body parts. If this product is re-packaged by distributors then this warning must appear on any new packaging.

## **SECTION 3: Composition / Information on ingredients**

3.2.2 The product does not meet the criteria for classification in accordance with Directive No. 1999/45/EC where substances present in an individual concentration equal to or greater than the following concentrations shall be indicated, together with their concentrations or concentration range:

a) 1% by weight in non-gaseous mixtures.

## **Section 4: First aid measures**

### **4.1 Description of first aid measures**

Following Inhalation	Remove to fresh air.
Following skin contact	Wash affected area with soap and water.
Following eye contact	Rinse immediately with plenty of clean water to remove any of the material. If irritation persists seek medical attention.

## **Section 4: First aid measures (continued)**

Following ingestion                      Rinse out the mouth with plenty of water and give water to drink. If the quantity is significant or the subject feels unwell seek medical attention.

Self protection of the first aider No additional measures

### **4.2 Most important symptoms and effects, both acute and delayed**

Information on the products component indicates no acute or delayed symptoms are to be expected

### **4.3 Indication of any immediate medical attention and special treatment needed.**

No special treatment needed.

## **SECTION 5 Fire-fighting measures**

Casting plaster is a Non Flammable material which doesn't support other products combustion.

## **SECTION 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

In the case of a spillage remove all those not involved in the clean up from the vicinity. Wear gloves, dust mask and eye protection. Sweep up with a brush and shovel as appropriate.

### **6.2 Environmental precautions:**

Keep away from drains, surface and groundwater.

### **6.3 Methods and materials for containment and cleaning up:**

For large spillages transfer the product into buckets or drums using brushes and shovels , place it in a suitable waste container.

### **6.4 Reference to other sections**

See section 13 for disposal of spillages / residues from spillages.

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

Do not eat and drink when using the product. Wash hands after use with soap and water.  
Avoid repeated skin and eye contact with the dry and with the hydrated power.  
Ensure adequate ventilation in the work area and during the mixing operation.  
In the case of significant dust release during use, use a suitable extractor to collect the dust nearest to the emission point.

### **7.2 Conditions for safe storage including any incompatibilities**

Store clear of the ground and protected from all moisture, condensation and heat.

## **SECTION 8: Exposure controls / personal protection**

### **8.1 Control Parameters**

Information on the product and use indicates that this is not applicable.

### **8.2 Exposure controls**

#### **8.2.2 Personal protective equipment**

8.2.2.1 Eye and Face protection:	Not required
8.2.2.2 Skin Protection:	
Hand Protection:	Not required
Other skin protection:	Aprons or old clothes.

## **SECTION 9: Physical and Chemical Properties**

Appearance:	Powder
Colour:	White
Odour :	None
Ph :	7.0-7.5
Thermal decomposition:	> or = 1200 degrees C
Density :	2.75
Solubility in water	7.2g/l

## **SECTION 10: Stability and reactivity**

### **10.1 Reactivity**

Casting plaster is a stable product which does not have any dangerous reactions with other substances. Casting plaster hardens in contact with water.

### **10.2 Chemical Stability**

Under storage at normal temperatures the product is stable.

### **10.3 Possibility of hazardous reactions**

No known hazardous reactions in usual handling

### **10.4 Conditions to avoid**

None anticipated during usual handling. (See section 7)

### **10.5 Incompatible materials**

None anticipated during normal handling and use.

### **10.6 Hazardous decomposition products**

Decomposes into sulphur trioxide and CaO (Quicklime) at temperatures over 1200 degrees C

## **SECTION 11: Toxicological Information**

Acute Toxicity :	Not Toxic
Ingestion:	Not Toxic
Skin, eye irritation :	May cause eyes, skin, throat, lung irritation in sensitive individuals
Long Term Toxicity :	Not applicable

## **SECTION 12: Ecological Information**

We do not consider Casting plaster to present a significant ecological hazard as supplied. Calcium Sulphate is slightly soluble in water.

In the presence of organic material and in certain anaerobic conditions, sulphate can conduct to the formation of hydrogen sulphide.

Sulphate ion is one of the less toxic anions (guidelines for drinkable water WHO1993)

## **SECTION 13: Disposal Consideration**

Waste product should not be discharged into drains or waterways without treatment.  
Disposal of product and packaging should always comply with local and national regulations.

EU Waste code                      No waste code number available

## **SECTION 14: Transport Information**

This product does not meet the requirement for classification as dangerous for transport by road, rail, inland waterway, sea or air.

## **SECTION 15: Regulatory Information**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.**

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

The data should be considered when making any assessment under the Control of Substances Hazardous to Health Regulations (COSHH), and related guidance, for example, 'COSHH Essentials' (United Kingdom).

### **Other EU Regulations**

Article 2 of the Safety of Toys Directive 2009/48/EC defines toys as products "designed or intended, whether or not exclusively, for use in play by children under 14 years of age". To ensure compliance the product is independently tested.

## **SECTION 16: Other Information:**

This safety data sheet is based upon the current state of our knowledge and supersedes all previous versions.

The principal sources of information used in compiling the Safety Data Sheet for the product were: Safety Data Sheets from our component suppliers and the ECHA publication guidance on the compilation of safety data sheets, version 2.1 dates February 2014.