



## **PRODUCT SAFETY DATA SHEET**

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

#### **1.1. Product Identifiers**

**Product Name:** Plaster of Paris

#### **1.2. Relevant Identified uses of the substance or mixture and uses advised against**

**Relevant identified use:** The Plaster of Paris is to be used for model making.

**Uses advised against:** All other uses

#### **1.3. Company/undertaking identification**

Brian Clegg Ltd  
Regent Mill  
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Rochdale  
OL12 0HQ  
United Kingdom

Tel: +44 (0)1706 666620  
Fax: +44 (0)1706 666621  
Email: [info@colorlord.com](mailto:info@colorlord.com)  
Web: [www.briandlegg.co.uk](http://www.briandlegg.co.uk)

#### **1.4. Emergency Contact Information**

+44 (0)1706 666620 (Office hours)

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### **2. HAZARDS IDENTIFICATION**

**“This Safety Data Sheet is prepared voluntarily: it is not required according to Article 31 of Regulation (EC) No. 1907/2006.”**

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

**Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]**  
Not classified

**Classification according to EU Directives 67/548/EEC or 1999/45/EC**  
Not classified

#### **2.2. Label elements**

**Labeling according to Regulation (EC) No 1272/2008 [CLP]**

Pictogram:	na
Signal word:	na
Hazard statement(s)	None
Precautionary statement(s)	None
Supplemental Hazard Statements	None

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**According to European Directive 67/548/EEC as amended.**

Hazard symbol(s)	na
R-phrases(s)	None.
S-phrases(s)	None

## 2.3. Other hazards

This material will harden and become very hot when mixed with water. Avoid skin contact and DO NOT ATTEMPT TO MAKE A CAST ENCLOSING ANY PART OF THE BODY. If these instructions are not followed, severe burns could result leading to surgical removal of the affected skin or even amputation of the limb.

Powders may irritate eyes or sensitive skin.

Dust may irritate respiratory system.

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**3.1 Description of Material:** White powder

**3.2** This 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 1% by weight in non-gaseous mixtures

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## 4. FIRST AID MEASURES

### 4.1 Description of First Aid Measures

General Advice:	First aid followed by medical attention. No special actions required.
Inhalation:	Remove to fresh air.
Skin contact:	Wash with mild soap and water.
Eye Contact:	Rinse opened eye for several minutes under running water. Seek medical attention if irritation persists.
Ingestion:	Immediately rinse mouth and drink plenty of water. Do not induce vomiting. Seek medical attention if symptoms persist.

### 4.2 Most Important Symptoms and effects, both acute and delayed

No data available

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

No data available

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## 5. FIRE FIGHTING MEASURES

### 5.1 Suitable Extinguishing Media:

Water spray, extinguishing foam, dry powder extinguisher, carbon dioxide.

### 5.2 Special hazards arising from the substance or mixture:

The material is not combustible however the packaging may burn.

### 5.3 Advice for firefighters:

Wear self contained breathing apparatus for firefighting in enclosed areas.

## 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions:**  
Avoid direct contact with eyes.
- 6.2 Environmental precautions:**  
Not applicable.
- 6.3 Methods for cleaning up:**  
Pick up manually.
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## 7. HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling:**  
Avoid contact with eyes.  
Normal measures for preventive fire protection.
- 7.2 Conditions for safe storage including any incompatibilities:**  
Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
- 7.3 Specific end uses:**  
None
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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control Parameters:

These products do not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.  
(ref: EH40/2005 as consolidated with amendments Oct 2007)

### 8.2 Exposure Controls:

#### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice

#### Personal Protective equipment

##### Ventilation:

No occupational exposure limits established

##### Respiratory protection:

None required under normal conditions of use.

##### Hand Protection:

Not required under normal conditions of use.

##### Eye Protection:

Not required under normal conditions of use.

##### Body Protection:

Not required under normal conditions of use.

##### General Safety and Hygiene measures:

Do not eat or drink while working with the product.  
Wash hands before breaks and at the end of work.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

a) Appearance:	White powder
b) Odour:	slight
c) Odour threshold	no data available
d) pH	7.0 . 7.5
e) Melting point/freezing point	no data available
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapour pressure	no data available
l) Vapour density	no data available
m) Relative density	2.75 g/cm <sup>3</sup> at 20°C
n) Water solubility	7.2 g/l
o) Partition coefficient: n octanol/water	no data available
p) Autoignition temperature	not self igniting
q) Decomposition temperature	~ 1,200 °C
r) Viscosity	no data available
s) Explosive properties	does not present explosive hazard
t) Oxidizing properties	no data available

### 9.2 Other Safety Information

No data available

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## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under normal conditions

### 10.2 Chemical stability

no data available

### 10.3 Possibility of hazardous reactions

no data available

### 10.4 Conditions to avoid

no data available

**10.5 Incompatible materials**

no data available

**10.6 Hazardous decomposition products**

On combustion emits toxic fumes of Sulphur trioxide and CaO (quicklime) at temperatures above 1,200 °C

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**11. TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

**Acute toxicity**

Not toxic

**Skin sensitisation/irritation**

May cause eyes, skin, throat, lung irritation in sensitive individuals

**Serious eye damage/eye irritation**

no data available

**Respiratory sensitisation**

no data available

**Germ cell mutagenicity**

no data available

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity**

no data available

**Specific target organ toxicity - single exposure**

no data available

**Specific target organ toxicity - repeated exposure**

no data available

**Aspiration hazard**

no data available

**Potential health effects**

no data available

**Signs and Symptoms of Exposure**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Additional Information**

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

The substance is not subject to classification according to the latest version of the EU lists.

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**12. ECOLOGICAL INFORMATION**

**12.1 Toxicity**

no data available

**12.2 Persistence and degradability**

no data available

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## 12.3 Bioaccumulative potential

no data available

## 12.4 Mobility in soil

no data available

## 12.5 Results of PBT and vPvB assessment

no data available

## 12.6 Other adverse effects

no data available

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## 13. DISPOSAL CONSIDERATIONS

**Product:** Remove in accordance with local official regulations.

**Used packaging material:** Containers may be recycled or re-used. Observe local/state/federal regulations.

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## 14. TRANSPORT INFORMATION:

Not restricted for transport.

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## 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1272/2008.

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

no data available

### 15.2 Chemical Safety Assessment

no data available

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## 16. OTHER INFORMATION

The Plaster of Paris conforms to all relevant parts of the European Toy Safety regulations (EN71).

Individuals with allergies or sensitivities to particular substances should contact us on +44 (0)1706 666620 for more detailed information on the components of the preparation.

Material use As a modelling material arts & crafts

Restrictions on use Warning! Not suitable for children <36 months. Choking Hazard. The Plaster of Paris should be used with appropriate adult supervision.

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**Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date compiled. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.**