

# ALEC TIRANTI LIMITED

TOOLS, MATERIALS & EQUIPMENT FOR MODELLING, CARVING, SCULPTURE  
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## Material Safety Data Sheet

### PLASTERS

## Prestia 23 --- Classic — Basic Alpha Prestia Modell

#### 1. IDENTIFICATION of PREPARATION

Material / Trade name  
 Intended Use

Generic Name *Plaster of Paris*

For use in sculpture for modelling, casting, mould making; not recommended for use against the skin or any form of body moulding.

#### 2. COMPOSITION / INFORMATION ON

**Chemical Name:** Calcium Sulfate Hemihydrate  
**Chemical Composition:** CaSO<sub>4</sub>·0.5 H<sub>2</sub>O  
**Ingredients contributing to the hazards:** None

#### INGREDIENTS

#### 3. HAZARD IDENTIFICATION

May cause skin irritation (mechanical effect)  
 May cause irritation in case of eye contact

#### 4. FIRST AID MEASURES

**Eye Contact:** Wash eye immediately with plenty of clean water. Seek medical advice if irritation persists.  
**Skin Contact:** Wash affected area carefully with soap and clean water.

#### 5. FIRE FIGHTING MEASURES

**Extinguishing media:** Non-flammable product which does not favour other products combustion.  
 Not applicable

#### 6. ACCIDENTAL RELEASE MEASURES

**Methods of cleaning up:** By brush and shovel as appropriate  
**Personal precautions:** Dust mask and suitable eye protection (e.g. goggles)  
**Environmental precautions:** Follow paragraph 13 instructions.

#### 7. HANDLING & STORAGE

**Handling - Prevention:** Avoid repeated skin and eye contact with dry and hydrated powder. In case of dust release during operation, collect the dust nearest to the emission point.  
**Handling - Precautions:** Ensure adequate ventilation (general in the workshop and specific for the mixing facility)  
**Storage - Technical Measures:** Good stock rotation  
**Storage Conditions:** Store clear of the ground and protected from all moisture condensation and heat.  
**Storage - Packaging Materials:** Polyethylene lined bags

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limits: GYPSUM AND PLASTER DUST:**  
**Total Inhalable Dust = 10 mg/m<sup>3</sup>/8h Respirable Dust = 4 mg/m<sup>3</sup>/8h**  
*(All ppe, including rpe, used to control exposure of hazardous substances must be selected to meet the requirements of the COSHH Regulations).*  
**Personal Protection: RESPIRATORY:** If exposure to hazardous substances identified above cannot be controlled by the provision of local exhaust ventilation and good general extraction, suitable respiratory protective equipment should be worn.  
**EYE:** Eye protection designed to protect against liquid splashes should be worn.

**Maximum Exposure Limits and Occupational Exposure Limits** are taken from the publication **HSE 40/94 Occupational Exposure Limits 1994** or later issue, but Limits should be checked in the latest issue.

#### 9. PHYSICAL & CHEMICAL PROPERTIES

**Physical State:** Powder  
**Colour:** White  
**Odour:** None  
**pH (5% in pure water):** 7  
**Temperature ranges at which changes in physical state occur: -**  
**Melting Point:** 1610°C

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<b>10. STABILITY &amp; REACTIVITY</b>	<b>Stability:</b> Stable product which does not cause any dangerous reactions with other substances. <b>Hazardous decomposition products:</b> None <b>Conditions to avoid:</b> Keep the concentration of hydrated plaster below 4T/1 0m <sup>3</sup> workshop area or dryer volume. <b>Use measures:</b> Ensure adequate ventilation
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<b>11. TOXICOLOGICAL INFORMATION</b>	<b>Acute toxicity:</b> <b>Inhalation:</b> Not toxic <b>Skin Irritation:</b> Not Irritant <b>Ingestion:</b> Not toxic <b>Eye Irritation:</b> Not Irritant
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<b>12. ECOLOGICAL INFORMATION</b>	No effects when paragraph 13 measures are followed.
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<b>13. DISPOSAL CONSIDERATIONS</b>	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 for purely mechanical reasons.
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<b>14. TRANSPORT INFORMATION</b>	Not registered as a dangerous material for transport.
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<b>15. REGULATORY INFORMATION</b> The information in this safety sheet does not constitute the user's own assessment of workplace risks as are required by other health and safety legislation. The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.	<b>EEC Regulatory information: none</b> <b>Packaging disposal according to local disposal regulations.</b>
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<b>16. OTHER INFORMATION</b> <i>The information contained in this Safety Data provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging) Regulations.</i>  This sheet is complementary of the product technical data sheet available in the Prestia Lafarge Commercial Department.  Attention is drawn to the possible risks when using the product for other uses than it has been designed.	<i>This product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling Sheet is instructions. As the specific conditions of use are outside the suppliers control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with. The information contained in this Safety Data Sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of material properties, of technical performance or suitability for particular applications.</i>  <i>Further information can be found in:</i> The Control of Substances Hazardous to Health Regulations 1988 (SI 1988:1657) The Manual Handling Operations Regulations 1992 (SI 1992: 2793) The Environmental Protection (Duty of Care) Regulations 1992 (SI 1992: 2839) The publication HSE EH40/94 Occupational Exposure Limits 1994 or latest issue.
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