

**ALEC TIRANTI LIMITED**

TOOLS, MATERIALS &amp; EQUIPMENT FOR MODELLING, CARVING, SCULPTURE

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**Material Safety Data Sheet****Alginate - Slow Set**

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1 IDENTIFICATION of PREPARATION		
Material / Trade name	Alginate - Slow Set	
Intended Use	Impression Material	
2 COMPOSITION / INFORMATION ON		
INGREDIENTS		
Sodium alginate, trisodium phosphate, calcium sulphate, diatomaceous earth, potassium fluorotitanate, magnesium oxide.		
Component or Impurities Contributing to Hazards:		
None		
3 HAZARD IDENTIFICATION		
No health or environment hazards when the material is handled in accordance with official regulations.		
4 FIRST AID MEASURES		
Inhalation: -		
Eye Contact: -		
Skin Contact: -		
Ingestion: -		
5 FIRE FIGHTING MEASURES		
Fire / Explosion Hazards:	Keep away from open flame	
Extinguishing Media:	Any applicable to primary cause of fire.	
Recommended:	-	
Contraindicated:	-	
Exposure Health Hazards:	-	
6 ACCIDENTAL RELEASE MEASURES		
Protection of Environment:	Collect Water used for cleaning	
Personal Protection:	-	
Cleaning Methods:	Absorb spill mechanically. Place in sealed and marked containers. Floor and tools contaminated with spilled material should be flushed with plenty of water.	
7 HANDLING & STORAGE		
Handling:	Handling procedure as per instructions in order to prevent water pollution.	
Storage:	Store in cool dry place at a maximum temperature of +25°C.	
8 EXPOSURE CONTROLS / PERSONAL PROTECTION		
Engineering Measures:	Provide adequate ventilation. Substance	Occupational Exposure Limits
Technical Precautions:	-	
Personal Protection:	No special protection required.	
9 PHYSICAL & CHEMICAL PROPERTIES		
Appearance:	White Powder	
Odour:	None	
Ph:	8	
Boiling Point Range:	Non volatile	
Melting point:	n/a	
Flash Point:	n/a	
Flammability:	n/a	
Explosive Properties:	n/a	
Vapour Pressure:	n/a	
Fire data:	n/a	
Relative Density:	n/a	
Solubility in water:	Insoluble	
10 STABILITY & REACTIVITY		
Materials to avoid: -		
Conditions to avoid: -		
Hazardous reactions: No hazardous reactions if the material is used in conformity with instructions		
Hazardous decomposition products: None		
11 TOXICOLOGICAL INFORMATION		
No dangerous effects have been noticed in many years' practical experience and with normally hygienic practices.		

12 ECOLOGICAL INFORMATION	No trouble with water purification plants, provided that the material is used in accordance with instructions. Removal from waste water through filtration. Avoid contamination of streams and phreatic surface.
13 DISPOSAL CONSIDERATIONS	Discharge in suitable landfill site or incinerate.
14 TRANSPORT INFORMATION	Carriage by land: - Carriage by Sea: - Carriage by air: -
15 REGULATORY INFORMATION	<b>Hazard Symbols:</b> <b>Risk and Safety:</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.
16 OTHER INFORMATION	<p><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 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></p> <p>Exempt from marking obligation in conformity with EEC regulations.</p> <p><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.</p>