



**Industrial
Plasters**
Proven Reliability

Industrial Plasters Ltd
63 Netherstreet
Bromham
Chippenham
Wiltshire
SN15 2DP
Tel. 01380 850616
Email: info@industrialplasters.com

HEALTH AND SAFETY

DATA SHEET

Product no. 2 500 series & 2 600 series		Version 01.09.2020		Status 01.09.2020	
Substance code:		Page : 1 (3)			
1. Identification of the substance / preparation and company					
Product details					
Trade Name: Alginate Impression Material					
Supplier details:					
Industrial Plasters Ltd 63 Netherstreet Bromham Chippenham Wiltshire SN15 2DP					
Emergency telephone number: 01380 850616					
2. Composition/information on ingredients					
Hazardous Compounds:	%	Cas No:	S Phase	R Phase	
Potassium Fluorotitanate	01.05	16919-27-0	22-26-28 37/39-44	25-20/21	
Diatomaceous Earth Filler	60-70	68855-54-9	22	40/20	
Non Hazardous Compounds:					
Triethanolamine Alginate	10-20	9005-38-3			
Calcium Sulphate Dihydrate	10-20				
Tetrasodium Pyrophosphate	01-05	7722-88-5			
Magnesium Oxide	01-05				
Sodium Alginate	05-10				
3. Hazards identification					
Unlikely to cause harmful effects under normal conditions of handling and use. Practice good hygiene. Wear gloves, overalls.					
4. First aid measures					
After contact with skin:					
Wash immediately with plenty of water					
After contact with eyes:					
Irrigate thoroughly with water for at least 10 minutes					
After ingestion:					
Wash out mouth with water. Do not induce vomiting					
After inhalation:					
Remove from exposure, rest and keep warm					



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5. Fire-fighting measures: Suitable Extinguishing Media: N/A. Product is non-flammable		
6. Accidental release measures: Environmental precautions Avoid accumulation of dust Methods for cleaning up / taking up: Sweep or vacuum. Avoid getting material damp as it may cause a slip hazard.		
7. Handling and storage When handling bulk quantities use suitable protective clothing. Handle in well ventilated area Store in a cool dry place. Keep container lid tightly closed.		
8. Exposure controls / personal protection Hygiene measures Remove soiled or soaked clothing immediately. Wash hands before breaks and after work. Respiratory protection: Dust Mask Hand protection: Gloves should be worn when handling bulk quantities Eye protection: Goggles should be worn when handling large quantities. Body protection: Cotton / synthetic overalls should be worn when handling large quantities		
9. Physical and chemical properties Appearance Form : Powder Colour : Orange, Pink, Green, Blue or Yellow Odour : Peppermint or Vanilla Data relevant to safety Flash point : Melting Point Range: $\approx 100^{\circ}\text{C}$ Ignition temperature N/A Density : 2200-2300 Kg/m3 Explosive Limits : N/A Solubility in water: Negligible Boiling Point / Range : N/A Vapour Pressure: N/A		



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Substance code:			Page : 3 (3)
10.	Stability and reactivity Thermal Decomposition: Stable Conditions to Avoid: Avoid aqueous conditions as material gels when wet.		
11.	Toxicological information Possible temporary irritation of the eyes and respiratory mucosa. Possible risk of irreversible effects by repeated inhalation of dust at high concentration (Silicosis)		
12.	Ecological information There is no ecological data available for this product		
13.	Disposal considerations Dispose of material according to local regulations.		
14.	Transport information UN No: IMDG Class: IMO: Packaging Group: IATA: Packaging Group: Correct Technical Name: ADR/RID: Not regulated for transport		
15.	Regulatory information Hazard symbols: R phrases: R 40/20: Harmful possible risk of irreversible effects through inhalation. S phrases: S22: Do not breathe the dust		
16.	Other information This Information is given in good faith, being based on the latest knowledge available to Industrial Plasters Ltd. No known relevant information has been omitted from the product information, risk information and safety precaution sheets. The user should not assume therefore, the product is suitable for any abnormal use. If the information provided is insufficient to ensure safety in any particular application, please contact Industrial Plasters Ltd prior to use for further advice.		

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