



Dental Company Limited

3/5 DYLAN ROAD
BELEVEDERE
KENT
DA17 5QS

HEALTH AND SAFETY DATA SHEET

Product no. 2 500 series & 2 600 series	Version 09/98/MW	Status 09/98/MW		
Substance code:		Page : 1 (3)		
1. Identification of the substance / preparation and company				
Product details				
Trade Name: Alginate Impression Material				
Supplier details :				
PSP Dental Company Limited 3-5 Dylan Road Belvedere Kent DA17 5QS		Information provided by: PSP Dental Company Limited		
		Emergency telephone number: 020-8311-7337 Emergency fax number: 020 8310 0920		
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: □100 EC

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 P.S.P.Dental Co. 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 P.S.P.Dental Co. Ltd prior to use for further advice.		