



Dental Company Limited

3/5 DYLAN ROAD
BELEVEDERE
KENT
DA17 5QS

HEALTH AND SAFETY DATA SHEET

Product no. Orthocem Aquaset	Version 11/97/HLS	Status 11/97/HLS
Substance code:		Page : 1 (3)
1. Identification of the substance / preparation and company		
Product details		
Trade Name: Orthocem (Glass Ionomer Cement)		
Supplier details :		
PSP Dental Company Limited		Information provided by: PSP Dental Company Limited
3-5 Dylan Road		
Belvedere		
Kent DA17 5QS		
Emergency telephone number: 0181-311-7337		
Emergency fax number: 0181 310 0920		
2. Compostion/information on ingredients		
Chemical characterization		
Hazardous Components		
Ingredient	%	CAS No. S Phrase R
Phrase		
Polyacrylic Acid	24.0%	
Non Hazardous Components		
Ingredient	%	CAS No.
Alumino Silicate Fluoride	75.955%	
Iron Oxide Pigment (approved)	0.035%	
Blue Pigment - trace (approved)	0.01 %	
3. Hazards identification		
Unlikely to cause harmful effects under normal conditions of handling and use. Practice good hygiene.		
Wear gloves, overalls. Wear mask in dusty conditions.		
4. First aid measures		
after contact with skin		
Wash skin thoroughly with soap and water : remove and wash clothing before use.		
after contact with eyes		
Flush your eyes with plenty of water for at least 5 minutes.		
If irritation persists get medical attention.		
after ingestion		
Rinse mouth thoroughly. If swallowed dilute by giving 2 glasses of water to drink and call doctor.		
Never give anything to unconscious person via mouth.		
after inhalation		
Move subject to fresh air. Give oxygen if breathing is difficult, artificial respiration if breathing has stopped.		



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5. Fire-fighting measures					
Suitable extinguishing media					
Extinguisher media : Water, Water fog.					
Wear self contained breathing apparatus.					
6. Accidental release measures					
Environmental precautions					
Prevent entry into drains and water courses. Avoid creating dusts.					
Methods for cleaning up / taking up					
Wear approved respirator suitable for chemical dust concentrations encountered and impervious gloves (for bulk spillages). Sweep spill into containers for disposal. Wash contaminated area, wash affected skin areas with soap and water.					
7. Handling and storage					
Handling					
Good General Ventilation.					
Follow instructions enclosed in package and use only for purposes directed.					
Avoid contact with eyes. Avoid creating dusts.					
Storage					
The container should be stored in normal dry place with lid firmly closed, since material is moisture sensitive.					
8. Exposure controls / personal protection					
Hygiene measures					
Remove soiled or soaked clothing immediately.					
Wash hands before breaks and after work.					
Respiratory protection : Type approved PPE for dusts if required.					
Hand protection : Gloves					
Eye protection : Goggles					
Body protection : Overalls and boots.					
9. Physical and chemical properties					
Appearance					
Form : Fine Powder					
Colour : Blue / Yellow					
Odour : Acidic					
Data relevant to safety					
Flash point		N/A		Melting Point Range	
Ignition temperature		N/A		Density	
Explosive Limits		N/A		Solubility in water	
				Forms paste with water.	
Boiling Point / Range		N/A		Vapour Pressure	



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10. Stability and reactivity Thermal decomposition / Conditions to avoid Stable in normal conditions Hazardous reactions / Substances to avoid Unstable above 98EC gives Acrylate Vapour.		
11. Toxicological information Remarks N/A		
12. Ecological information Further ecological information Remarks N/A		
13. Disposal considerations Product Substance via authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations. Container As Substance		
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 S25 : Avoid contact with eyes S phrases Other regulations		
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.		