



Dental Company Limited

3/5 DYLAN ROAD
BELEVEDERE
KENT
DA17 5QS

HEALTH AND SAFETY DATA SHEET

Product no. Pearl Composite	Version 07/02/DSP	Status 07/02/DSP
Substance code: N/A		Page : 1 (3)
1. Identification of the substance / preparation and company		
Product details: Dental Restorative Composite of Glass Re-inforced thermoplastic resin for posterior and anterior teeth under visible light.		
Trade Name: Pearl Composite		
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		
Chemical characterization		
Hazardous Components		
Ingredient	%	CAS No. S Phrase R Phrase
<u>Base</u>		
Urethane Dimethacrylate	14.3 - 15.3	65256-52-2
Ethylene Glycol Dimethacrylate	6.8 - 7.8	97-90-5
Initiator (Amino Methacrylate)	0.5	2867-47-2
Alumino Silico Phospho Fluoro Glass	38.5 - 37.5	
Barium Glass	38.5 - 37.5	
Silica	1.4	
<u>Catalyst</u>		
Bisphenol A Diglycidal Methacrylate	16.1 - 17.1	1565-94-2
Ethylene Glycol Dimethacrylate	7.6 - 8.6	97-90-5
Catalyst (Dibenzoyl Peroxide)	0.56	000094-36-0
Silane Coupling Agent	Trace	2530-85-0
Alumino Silico Phospho Fluro Glass	72.2	
Silica	1.6 - 2.6	
Inhibitor	0.2	
Pigments	Trace	
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:		
Mild irritant, prolonged contact may cause defatting and dermatitis. Wash skin first with water and then, soap and water. If in doubt seek medical help.		
After contact with eyes:		
Mild irritant, wash open eye with of clean water for 15 minutes. Seek medical help.		
After ingestion:		
Seek medical advice.		
After inhalation: N/A		



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5. Fire-fighting measures: Use water fog, foam, carbon dioxide extinguishers. Firemen should wear protective clothing and a self-contained respirator if large amounts are involved.		
6. Accidental release measures: Environmental precautions Prevent entry into drains and water courses. Avoid creating dusts. Methods for cleaning up / taking up: Spread out material in sunlight or artificial light until solid. Dispose of as non-hazardous waste.		
7. Handling and storage Handling: Good General Ventilation Follow instructions enclosed in package and use only for purposes directed. Avoid contact with eyes. Storage: The container should be stored in normal dry place with lid firmly closed.		
8. Exposure controls / personal protection Hygiene measures Remove soiled or soaked clothing immediately. Wash hands before breaks and after work. Respiratory protection: None required Hand protection: rubber or P.V.C gloves. Eye protection: None required Body protection: Overalls		
9. Physical and chemical properties Appearance Form : Soft putty which does not slump Colour : Pale White for Catalyst , Pale Brown for Base Odour : None Data relevant to safety Flash point : None Melting Point Range: N/A Ignition temperature N/A Density : Not Determined Explosive Limits : N/A Solubility in water: None Boiling Point / Range : N/A Vapour Pressure: N/A		



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10. Stability and reactivity Thermal decomposition / Conditions to avoid Stable in normal conditions Hazardous reactions / Substances to avoid Polymerizes under intense light or high heat, or with peroxides amines, metal ions, free radical initiators or UV Light.		
11. Toxicological information There is no Toxicological data available for this product. There is no known health risk if used properly. Prolonged skin and eye contact should be avoided. Remarks		
12. Ecological information Further ecological information Remarks		
13. Disposal considerations Product Substance via authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.		
14. Transport information UN No: None IMO: None IATA: None IMDG Class: None Packaging Group: None Packaging Group: None Correct Technical Name: None ADR/RID: None Not regulated for transport None		
15. Regulatory information Hazard symbols: R phrases: None S phrases: S25: Avoid contact with eyes Other Regulations: None		
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.		