



Dental Company Limited

3/5 DYLAN ROAD
BELEVEDERE
KENT
DA17 5QS

HEALTH AND SAFETY DATA SHEET

Product no.	Version 06/05/05	Status	05/05/MO
Substance code:		Page :	1 (3)
1. Identification of the substance / preparation and company Product details : Orthodontic Acrylic Trade Name: Emperor Ortho Supplier details : PSP Dental Company Limited 3-5 Dylan Road Belvedere Kent DA17 5QS U.K Information provided by: PSP Dental Company Limited Emergency telephone number: + 44 (0) 208311-7337 Emergency fax number: + 44 (0) 208310-0920			
2. Composition/information on ingredients Chemical characterization Hazardous Components Ingredient % CAS No. S Phrase R Phrase Ethyl / Methyl / dibenzoyl peroxide 99.49 000094-36-0 S24 R43 Pigments 0.519			
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: Combustible but not readily ignited. Combustion or thermal decomposition will evoke toxic, irritant and flammable vapours. Full protective clothing should be worn in fire conditions and a self contained breathing apparatus. Suitable Extinguishing Media Foam / CO ²		
6. Accidental release measures: Environmental Precautions: Prevent entry into drains and water courses. Avoid creating dusts. Methods for cleaning up / taking up: Collect in containers for disposal using approved dust respirator.		
7. Handling and storage Handling: Good General Ventilation. Avoid contact with eyes. Avoid prolonged skin contact. 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. Provide adequate ventilation, including appropriate local extraction to ensure that the defined occupational exposure limit is not exceeded. Respiratory protection: Type approved RPE for dusts if required. Hand protection: Rubber gloves. Eye protection: Safety spectacles Body protection: Protective clothing (overalls and boots)		
9. Physical and chemical properties Appearance Form : Powder Colour : White Odour : Typically methacrylate Data relevant to safety Flash point : 390EC Ignition temperature 465EC Explosive Limits : Weakly to moderately explosive Boiling Point / Range : N/A Melting Point Range: 150 - 230EC Density : 600 - 750 kg/m ³ Solubility in water: Forms paste with water. Vapour Pressure: N/A		



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10. Stability and reactivity		
Thermal decomposition:	Ethyl Methacrylate, Methyl Methacrylate, Dibenzoyl Peroxide, Carbon Monoxide, Carbon Dioxide	
Conditions to avoid:	N/A	
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:	N/A	
Further ecological information		
Remarks		
13. Disposal considerations		
	Dispose of material according to local regulations	
14. Transport information :	Not classified as Dangerous for Transport	
UN No:	IMDG Class:	
IMO:	Packaging Group:	
IATA:	Packaging Group:	
Correct Technical Name:		
ADR/RID:		
Not regulated for transport		
15. Regulatory information		
Hazard symbols:	X I	
R phrases:	R43 : may cause sensitisation by skin contact	
S phrases:	S24: Avoid contact with skin	
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.	