

**Material Safety Data Sheet**

**Product no.: MDR 4**                      **Version: 08/12/RF**                      **Status: Issue 1**  
**Substance code: EAN 13: 5031966009122**                      **Page 1 of 3**

**1. Identification of the substance/preparation and company**

Product details: Zinc polycarbylate cement

Trade name: **Dr. Denti Refit**

Supplier details:

GAP Research Company Limited

Unit 2 Ebbsfleet Business Park

Stonebridge Road,

Gravesend, Kent

DA11 9DZ

Information provided by:

GAP Research Ltd.

**Emergency telephone number: 01474 560618****Emergency fax number: 01474 564418****Email: gapdental@btconnect.com****2. Composition/information on ingredients**

<b>Chemical characterisation</b>				
<b>Ingredient</b>	w/w%	CAS No.	S Phrase	R Phrase
<b>Hazardous components</b>				
Polyacrylic Acid	22	9003-01-4		
<b>Non-hazardous components</b>				
Zinc oxide	63.03			
Magnesium oxide	13			
Iron oxide pigment (approved)	0.07			

**3. Hazards identification**

Unlikely to cause harmful effects under normal conditions of handling and use.

Practise good hygiene, wear gloves and overalls, wear mask in suitable dusty conditions.

**4. First aid measures****After contact with skin**

Wash thoroughly with soap and water; remove contaminated clothing.

**After contact with eyes**

Flush your eyes with plenty of water for 5 minutes, if irritation persists seek medical attention.

**After ingestion**

Rinse mouth thoroughly, if swallowed dilute by giving 2 glasses of water to drink and seek medical attention. Never give anything by mouth to an unconscious person.

**After inhalation**

Move subject to fresh air. Give oxygen if breathing is difficult or artificial respiration if breathing is stopped.

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<b>5. Fire-fighting measures</b> In case of fire use water or water fog; wear self-contained breathing apparatus.		
<b>6. Accidental release measures</b> Environmental precautions Prevent entry into drains and water courses, avoid creating dust.  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.		
<b>7. Handling and storage</b> Handling Ensure good general ventilation. Follow instructions in packaging and use only for purposes directed. Avoid contact with eyes, avoid creating dust.  Storage The container should be stored in normal dry place with lid firmly closed since material is moisture sensitive.		
<b>8. Exposure controls/personal protection</b> <b>Hygiene measures</b> Remove soaked or soiled clothing immediately.  <b>Respiratory protection:</b> Type approved PPE for dusts if required <b>Hand protection:</b> Safety gloves <b>Eye protection:</b> Safety goggles <b>Body protection:</b> Overalls and boots		
<b>9. Physical and chemical properties</b>  <b>Appearance</b> Form: Fine powder Colour: Creamy-light yellow Odour: Acidic  <b>Data relevant to safety</b> Flash point: N/A Ignition temperature: N/A Explosive limits: N/A Boiling point/range N/A  Melting point range: N/A Density: N/A Solubility in water: forms paste Vapour pressure: N/A		

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<b>10. Stability and reactivity</b> Thermal decomposition/conditions to avoid Unstable above 98°C, at which point product gives off acrylate vapour.  Hazardous reactions/substances to avoid				
<b>11. Toxicological information</b> 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.				
<b>12. Ecological information</b> No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.				
<b>13. Disposal considerations</b> Dispose of via authorised waste disposal contractor to an approved waste disposal site, observing all local and national regulations				
<b>14. Transport information</b> Un no.: IMO: IATA: Correct technical name: ADR/RID:				IMDG Class Packaging group:
<b>15. Regulatory information</b> Hazard symbols: R Phrases: S Phrases: S25-avoid contact with eyes Other information:				
<b>16. Other information</b>  This information is given in good faith being based on the latest knowledge available to GAP Research 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 that the product is suitable for any abnormal use. If the information provided is insufficient to ensure safety in any particular application please contact GAP Research Co. Ltd. prior to use for further use.				