

<b>1. Product and company identification</b>	
<b>Product name /names:</b>	tgpolycem
<b>Manufacturer :</b>	<b>Technical &amp; General Ltd</b> 2 Albion Place London W6 0QT United Kingdom Tel: 020 8834 7575 Fax: 020 8834 7570 www.dentistmarket.com www.tgdent.com
<b>2. Composition / Information on ingredients</b>	
Zinc Oxide, Polyacrylsare, magnesium oxide, and tin difluoride.	
<b>common chemical name / Generic name:</b> Polycarboxylate cement	
<b>3. Hazards identification</b>	
N Dangerous for the environment R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	
<b>4. First aid measurers.</b>	
<b>Eye contact:</b>	Flush eyes with plenty of water (10-15 mins).
<b>Skin contact:</b>	Immediately wash with water and soap and rinse thoroughly.
<b>Swallowing:</b>	Rinse out mouth and then drink plenty of water. Seek medical advice.
<b>Inhalation :</b>	Move into fresh air. If you feel unwell, seek medical advice.
<b>5. Fire - fighting measurers.</b>	
Not Flammable	
<b>Suitable extinguishing media:</b>	Dry Chemical powder, foam, carbon dioxide or water spray.
<b>Extinguishing media to avoid:</b>	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
<b>Further information:</b>	Irritating gases may form upon combustion
<b>6. Accidental Release Measures :</b>	
<b>Personal precautions:</b>	Avoid formation of dust. Avoid protective clothing
<b>Environmental precautions:</b>	Inform respective authorities in case of seepage into course or sewage sys.
<b>Cleaning up methods:</b>	Take up mechanically.
<b>7. Handling and Storage :</b>	
<b>Handling:</b>	Observe normal care for working with chemicals. Wear suitable gloves. Avoid contact with skin and eyes.
<b>Storage:</b>	Store only in the original receptacle at room temperature.

**8. Exposure Controls and Personal Protection.**

Ventilation : Ventilated areas.  
 Protective Gloves : Use suitable latex type gloves when prolonged or repeated contact.  
 Do not rub eyes following use of wipes, and use protective eyewear.  
 Other protection : Use any necessary hygiene measures to avoid skin contact.

**9. Physical and Chemical Properties.**

**Appearance :** Odourless Yellowish Powder  
**Odour/taste** Odourless  
**PH-Value:** 3.25-4.75  
**Self-igniting:** Product is not self igniting  
**Danger of explosion:** Dose not present an explosion hazard.  
**Ignition temperature:** N/A  
**Solid Content:** 100.00%  
**Vapour pressure** N/A  
  
**Solubility in water:** Partly soluble  
**Density:** N/A

**10. Stability & Reactivity.**

**Stability :** Stable. Avoid heat, sparks & flames.  
**Materials to avoid :** No dangerous decomposition products known.

**11. Toxicological Information :**

**Health Warning :**  
**Skin:** irritant effect.  
**Eyes:** strong irritant effect.  
**Sensitisation:** No sensitisation effects known.

**12. Ecological Information :**

Remark: Very toxic for fish. Do not allow large quantities to reach ground water

**13 Disposal Considerations :**

**Disposal Methods :** Disposal must be made according to official regulations  
 Do not dispose with household waste or in sewage.

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**14. Transport Information :**

<b>Road / Rail :</b>	N/A
<b>Sea :</b>	N/A
<b>Air :</b>	N/A

**15. Regulatory Information :**

**Labelling according intl. Regulations:**

<b>Symbols of danger:</b>	N Danger for the environment
<b>R-Phrases:</b>	50/53 very toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment
<b>S-Phrases:</b>	22 Do not breath dust 25 Avoid contact with eyes. 28 After contact with skin, wash immediately with plenty of water. 57 Use appropriate container to avoid environmental contamination. 60 This material and its container must be disposed of as hazardous waste.

Hazardous for water.

**Note:** This information is believed to be correct as of the date of this MSDS. The manufacturer makes no representation as to the completeness or accuracy of this information and supplies it on the condition that the person receiving it will make their own determination as to its suitability for their purposes prior to use.

In no event will the manufacturer be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.