

**SAFETY DATA SHEET**  
**Xcem Ltd MERGE GIC**

➤ **1. IDENTIFICATION of SUBSTANCE, PREPARATION and COMPANY UNDERTAKING:**

- 1.1 Trade Name: Xcem Ltd's**      MERGE GIC
- 1.2 Intended use of product:**      Glass ionomer cement for Professional Use.
- 1.3. Xcem Ltd Product ID:**      11403
- 1.4 Contact Address:**              Xcem Ltd.  
15 Picardy Road  
Belvedere Kent  
DA17 5QH
- 1.5 E-mail address and emergency contact number:**

[admin@xcem.co.uk](mailto:admin@xcem.co.uk)  
+44 (0) 203 490 7078  
+44 (0) 203 490 2909

➤ **2. HAZARDS IDENTIFICATION:**

**Risk phrases:** Unlikely to cause harmful effects under normal conditions of handling and use. Practice good hygiene. Wear gloves, overalls.

➤ **3. COMPOSITON/INFORMATION ON INGREDIENTS.**

**Catalyst Paste**

<b>Ingredients</b>	<b>CAS.No.</b>
Methacrylate resin	-----
Glass Fillers	-----
Amorphous Silica	-----
Benzoyl Peroxide (2%-5%)	
Photoinitiator (Trace)	10373-78-1

**Base Paste**

<b>Ingredients</b>	<b>CAS No</b>
Methacrylate resin	-----
Glass Fillers	-----
Amorphous Silica	-----
Propamaine PLU	-----
DMA EMA	2867-47-2
Photoinitiator (Trace)	10373-78-1

➤ **4. FIRST AID MEASURES:**

- 4.1 Contact with eyes: Wash with large amount of water, if symptoms remains, get medical advice.
- 4.2 Contact with skin: Wash affected area with soap and water. If signs/symptoms persist and develop, get medical advice.
- 4.3 Inhalation: Remove person to fresh air. If signs/symptoms develop, get medical advice.
- 4.4 Ingestion: Do not induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

➤ **5. FIRE-FIGHTING MEASURES**

- 5.1 Use fire extinguisher with class B extinguishing agent i.e. Dry chemical, Carbon dioxide.
- 5.2 Not flammable, ordinary combustible material.
- 5.3 Water may be used to blanket the fire. Use full Personnel Protective Equipment(PPE) and a self contained breathing apparatus.

➤ **6. ACCIDENTAL RELEASE MEASURES**

**Personal Protection**

- 1.0 Avoid the contact with the eyes
- 2.0 Don't let the material to come in contact with your skin
- 3.0 Don't touch the material
- 4.0 Don't ingest

**Method of Cleaning**

- 1.0 Ventilate the area with fresh air
- 2.0 Clean any spillage
- 3.0 Cover with the absorbent.
- 4.0 Collect the maximum material as you can
- 5.0 Clean up residue
- 6.0 Dispose the collected material

➤ **7. STORAGE:**

- 1.0 Store at Ambient temperature
- 2.0 Store away from Sun light
- 3.0 Store away from heat

➤ **8 EXPOSURE CONTROL/PERSONAL PROTECTION**

Occupational Exposure limits	N/A
Personal Protection	PPE
Respiratory protection	N/A
Skin Protection	Overalls, rubber gloves
Eye protection	Goggles/eye shields
Industrial Hygiene	Wash hands thoroughly after contact with this product

➤ **9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance and Odour	In different vita shades
pH	Not Determined
Boiling Point	Not Determined
Melting point	Not Determined
Flash point	Not Determined
Auto flammability	Not Determined
Water solubility	Not Determined
Vapour Density	Not Determined
Viscosity	Not Determined

➤ **10 STABILITY AND REACTIVITY**

Reactivity No further relevant information available  
Chemical stability · Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.  
Possibility of hazardous reactions No dangerous reactions known  
Conditions to avoid No further relevant information available.  
Incompatible materials: No further relevant information available.  
Hazardous decomposition products: No dangerous decomposition products known

➤ **11 TOXICOLOGICAL INFORMATION**

- 1.0 After contact with eyes moderate eyes irritation, symptoms may include redness, swelling, pain, tearing, and blurred
- 2.0 After contact with skin contact no significant irritation take place
- 3.0 After inhalation the signs/ symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, nose and throat.
- 4.0 Sign of Ingestion include abdominal pain, stomach upset, nausea, Vomiting and diarrhea

➤ **12 ECOLOGICAL INFORMATION**

Environmental Data: Not determined.

Mobility in Soil and Water: Not determined.  
Persistence/Biodegradability: Not determined.  
Ecotoxicity Data: Not determined.

➤ **13 DISPOSAL CONSIDERATIONS**

Dispose of wastes in sanitary landfill. Or incinerate waste product in an industrial or commercial incinerator.

➤ **14 TRANSPORT INFORMATION**

UN-Number · ADR, ADN, IMDG, IATA	not regulated
UN proper shipping name · ADR, ADN, IMDG, IATA	not regulated
Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class	not regulated
Packing group - · ADR, IMDG, IATA	not regulated
Environmental hazards: · Marine pollutant	No
Special precautions for user	not regulated
Transport in bulk according to Annex II of Marpol and the IBC Code	not applicable
UN "Model Regulation"	not regulated

➤ **15 REGULATORY INFORMATION**

The information in this MSDS does not constitute an assessment of workplace risks.

➤ **16 OTHER INFORMATION**

The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications