

SAFETY DATA SHEET
Xcem Ltd.'s X Seal

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

1.1 Trade Name: Xcem Ltd's X Seal

1.2 Intended use of product: Dental cavity liner and pulp capping agent for Professional Use.

1.3. Xcem Ltd Product ID:

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
+44 (0) 203 490 7078
+44 (0) 203 490 2909

➤ **2. HAZARDS IDENTIFICATION:**

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

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

Catalyst

Ingredients	Percentage (%)	CAS No.
Polymeric Plasticizer	33.0	Not known
Zinc Oxide BP	5.8	1314-13-2
Titanium Dioxide	5.0	1317-80-2
Calcium Hydroxide	47.0	1305-62-0
Proprietary Ingredients		

Base

Ingredients	Percentage (%)	CAS No.
Salicylate Ester	42.0	
Calcium Phosphate	39.0	12167-74-7

Titanium Dioxide	3.0	1305-62-0
Barium Sulphate	7.0	1304-28-5
Silica	1.0	Not known
Iron Pigment	1.0	Not known
Proprietary Ingredients		

➤ **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	Appearance: Paste/Paste
	Colour: Cream/ Yellow
	Odour: Characteristic

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

Stable under normal temperature conditions and recommended use.

Possibility of hazardous reactions

Contact with acids release toxic gases.

Conditions to avoid

Avoid heat, flames and other sources of ignition.

Incompatible materials

Materials to Avoid: No incompatible groups noted.

➤ **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 No: N/A
IMO: N/A
IATA: N/A

IMDG Class: N/A
Packaging Group: N/A
Packaging Group: N/A

Correct Technical Name:
ADR/RID:
Not regulated for transport

➤ **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.