

SAFETY DATA SHEET
Xcem Ltd.'s TEMPZOE

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

- 1.1 Trade Name: Xcem Ltd's** TEMPZOE
- 1.2 Intended use of product:** Zinc Oxide Eugenol based cement and liner for Professional Use.
- 1.3. Xcem Ltd Product ID:** 9000
- 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:**

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.**

Powder

S.No	Ingredients	CAS.No.	Percentage
1.0	Zinc Oxide	1314-13-2	90 %
2.0	Synthetic Resin	-----	8%
3.0	Eugenol	-----	2%

Liquid

S.No	Ingredients	CAS.No.	Percentage
1.0	Eugenol	97-53-0	98 %
2.0	Catalyst	-----	2%

➤ **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	Liquid: Colourless or pale yellow liquid with clove oil odour. Powder: White powder with a faint odour; insoluble in water
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**

Thermal decomposition / Conditions to avoid
Liquid Polymerises at high temperatures.
Product is stable in normal conditions.
Hazardous reactions / Substances to avoid
Avoid excessive heat and oxidising agents.

➤ **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**

Liquid:

COMBUSTIBLE LIQUID

Label required; COMBUSTIBLE LIQUID, regulated under AS 1940 for the Bulk Storage Purpose Only.

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: ADG7, UN, IATA, IMDG

Powder:

Land transport (ADG)

UN number	3077	
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains zinc oxide)	
Transport hazard class(es)	Class	9
	Subrisk	Not Applicable
Packaging group	III	
Environmental hazard	Environmentally hazardous	
Special precautions for user	Special provisions	274 331 335 375 AU01
	Limited quantity	5 kg

Air transport (ICAO-IATA/DGR)

UN number	3077	
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains zinc oxide)	
Transport hazard class(es)	Class	9
	Subrisk	Not Applicable
	ERG Code	9L
Packaging group	III	
Environmental hazard	Environmentally hazardous	
Special precautions for user	Special provisions	A97 A158

		A179 A197
	Cargo Only Packing Instructions	956
	Cargo Only Maximum Qty / Pack	400 kg
	Passenger and Cargo Packing Instructions	956
	Passenger and Cargo Maximum Qty / Pack	400 kg
	Passenger and Cargo Limited Quantity Packing Instructions	Y956
	Passenger and Cargo Limited Maximum Qty / Pack	30 kg G

Sea Transport (IMDG-Code/GGVSee)

UN number	3077	
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains zinc oxide)	
Transport hazard class(es)	Class	9
	Subrisk	Not Applicable
Packaging group	III	
Environmental hazard	Marine Pollutant	
Special precautions for user	EMS Number	F-A , S-F
	Special provisions	274 335 966 967 969
	Limited quantity	5 kg

Transport in bulk according to Annex II of MARPOL and the IBC code Not Applicable

➤ **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

