

SAFETY DATA SHEET
Xcem Carebond

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

1.1 Trade Name: Carebond

1.2 Intended use of product: Dental Bonding System for, Professional use.

1.3. Xcem™ Product ID: 9090

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:**

Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 2	H225
Skin Irrit. 2	H315
Eye Irrit. 2	H319
Skin Sens. 1	H317
STOT SE 3	H335
STOT SE 3	H336

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

Ingredients	CAS.No.
Methacrylate Resin Mix(LC)	N/A
Camphorquionone (Initiator)	10373-78-1
Acetone	67-64-1
Amorphous Silica	N/A
Inhibitor	128-37-0
DMA EMA	2867-47-2

➤ **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 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 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance and Odour	Transparent to pale yellowish moderate thick liquid
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

➤ **9 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

➤ **10 STABILITY AND REACTIVITY**

Reactivity: Loss of inhibitor may allow the product to polymerize.

Chemical Stability: Stable

Possibility of Hazardous Reactions: Excessive heat and ultraviolet light may allow the product to polymerize.

Conditions To Avoid: Highly flammable liquid. Keep product away from heat, sparks, flames and all other sources of ignition.

Incompatible Materials: Strong oxidizing agents, reducing agents, alkalis, amines, sulphur compounds, peroxides, free radical initiators, inert gases and oxygen scavengers.

Hazardous Decomposition Products: Thermal decomposition will produce carbon and phosphorus oxides.

➤ **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**

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Transport Hazard Class(es)	14.4 Packing Group	14.5 Environmental Hazards
S US DOT	UN1133	Adhesives, flammable (acetone)	3	II	None
EU ADR/RID	UN1133	Adhesives, flammable (acetone)	3	II	None
C IMDG	UN1133	Adhesives, flammable (acetone)	3	II	None
IATA/ICAO	UN1133	Adhesives, flammable (acetone)	3	II	None

Precautions for User: None identified
 Transport in Bulk According to Annex III MARPOL 73/78 and the IBC Code :): Not applicable – product is transported only in packaged form.

➤ **15 REGULATORY INFORMATION**

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

➤ **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.