

**SAFETY DATA SHEET**  
**Xcem Hi Crysta Nano**

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

**1.1 Trade Name:** Hi Crysta Nano

**1.2 Intended use of product:** Light Curing Composite material for Professional Use.

**1.3. Xcem Product ID:** 00149

**1.4 Contact Address:** Xcem Ltd.  
15 Picardy Road  
Belvedere Kent  
DA17 5QH

**1.5 E-mail address and emergency contact number:**

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+44 (0) 203 490 7078

+44 (0) 203 490 2909

➤ **2. HAZARDS IDENTIFICATION:**

**Risk phrases:**

Xcem™ This product is not classified as hazardous according to EU Directive 1999/45/EC.

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

<b>Ingredients</b>	<b>CAS.No.</b>
Bisphenol A glycidyl methacrylate (9 %- 10 %)	156-94-2
Ethylene glycol dimethacrylate (6%- 7%)	97-90-5
Catalyst (camphorquinone) (0.1%)	10373-78-1
Initiator (0.2%), Amino methacrylate	2867-47-2
Alumino Silica Phospho Fluro Glass (27.1 %-26.1%) Barium Glass (53.4%- 52.4%) Silica (4%) Pigment (Trace) Stabilizer (Hydroquinone) (0.1%) Inhibitor (BHT) (0.1%)	

➤ **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 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

➤ **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**

Stable at room temperature

➤ **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: None

IMDG Class: None

IMO: None

Packaging Group: None

IATA: None

Packaging Group: None

Correct Technical Name: None

ADR/RID: None

Note regulated for transport: None

➤ **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.