

IFU Size : 161 H x 104 W

## CAL LC

### Light Cured Radiopaque Calcium Hydroxide Paste



**Product Description :** CAL LC is highly filled cavity liner and pulp capping material. It is sold in a syringe accompanied with applicator tips.

**Composition :** Urethane Dimethacrylate, Triethylene Glycol Dimethacrylate, Calcium Hydroxide, Radiopacifiers, Fillers, Curing Agents and Stabilizers.

**Intended Purpose / Intended Use :** It is intended to be used for pulp protection.

**Indications for Use :** Cal LC is indicated to be used as a cavity liner and pulp capping material. It is self adhering and highly filled.

**Instructions for Use :** Thoroughly clean and air dry the cavity. Apply material to the cavity directly with the help of applicator tip. Do not exceed the thickness of 1mm. Light cure for 20-40 sec using standard curing light and proceed with standard restoration technique. The dispensed material shall not be placed back in the container and the dose once applied or used shall not be reused.

Product	Light Intensity (mW/cm <sup>2</sup> )	Curing Time (sec)	Wavelength For curing (nm)	Depth of Cure (mm)	Filler particle (size)	Filler loading (% Vol)
Cal LC	≤600	40	400-450	2.69	5µ	40
	750	20				
	1200	10				

**Warnings :** Avoid prolonged or repeated contact with skin (allergic contact dermatitis), and eyes. Avoid prolonged inhalation. Do not take internally. Contact with the skin may cause irritation and burns of hypersensitivity. If contact with skin occurs, immediately wipe off thoroughly with cotton and alcohol and then wash well with soap and water. If skin rash and sensitization or other allergic reaction occurs, discontinue the use and seek medical attention. If the product comes into contact with the eyes, rinse thoroughly with fresh water and consult a physician. It should not be used with patients who have a history of severe allergic reaction to any of the components.

**Precautions :**

1. Do not use Cal LC in the marginal restoration.
2. Eugenol containing materials should not be used with this product because this may effect polymerization and interfere with the hardening process of the material.
3. Being sensitive to heat and light, the syringes should be kept away from direct sun light.
4. Recommended the use of rubber dam or adequate isolation during application.
5. Cal LC is a light-cured material. Proceed immediately once material has been dispensed.
6. The material should not be placed over the enamel, cavity margins or left exposed to oral environment.

**Contraindications :** CAL LC is contraindicated in patients who have a history of severe allergic reaction to methacrylate resins.

**Storage Conditions :** Store at temperature between 10°C(50°F) to 24°C(75°F). Close the cap carefully after use. Keep away from moisture. Shelf life not affected after opening if stored in a cool dry place.

**Shelf Life :** 3 years from the date of manufacturing.

**Presentation :**

Ref: 30004

**Trial Pack :** 1 x 2g Syringe + 5 x Applicator Tips.

Ref: 30005

**Intro Pack :** 2 x 2g Syringes + 10 x Applicator Tips .

Ref: 30005-1

**Economy Pack :** 4 x 2g Syringes + 20 x Applicator Tips .

**Disposal Conditions :** To be disposed off based on the prevailing rules of the country in which it is used.

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**CE**  
**0123**  
Issue/Revision : 01/02  
Date : 26-05-2025

- UDI** Symbol for "UNIQUE DEVICE IDENTIFIER"
- LOT** Symbol for "BATCH CODE" **USE-BY DATE** Symbol for "USE-BY DATE" **NON STERILE** Symbol for "NON STERILE" **KEEP DRY** Symbol for "KEEP DRY"
- CAUTION** Symbol for "CAUTION" **CONSULT INSTRUCTION FOR USE** Symbol for "CONSULT INSTRUCTION FOR USE" **REF** Symbol for "CATALOGUE NUMBER"
- EC REP** Symbol for "AUTHORIZED REPRESENTATIVE IN THE EUROPEAN COMMUNITY/EUROPEAN UNION"
- KEEP OUT OF THE REACH OF CHILDREN** Symbol for "KEEP OUT OF THE REACH OF CHILDREN" **MANUFACTURER** Symbol for "MANUFACTURER" **DO NOT USE IF PACKAGE IS DAMAGED** Symbol for "DO NOT USE IF PACKAGE IS DAMAGED"
- TEMPERATURE LIMIT** Symbol for "TEMPERATURE LIMIT" **KEEP AWAY FROM SUNLIGHT** Symbol for "KEEP AWAY FROM SUNLIGHT" **MD** Symbol for "MEDICAL DEVICE"

The material has been developed solely for professional dental use. Application should be carried out strictly according to the instruction for use. Liability cannot be accepted for damages resulting from failure to observe the instructions of the stipulated area of applications. The user is responsible for testing the material for its suitability and use for any purpose not explicitly stated in this instruction sheet. Description and data constitute no warranty of attributes and are not binding. For feedback, complaints and reporting of unexpected of events contact customer care.