XSEAL LC

Light Curable Temporary Filling Material

INSTRUCTIONS FOR USE

DEVICE DESCRIPTION

XSeal LC is a light–curable, flowable, silicone–based temporary filling material for implant, endodontic, and restorative applications. It is formulated for easy placement, secure retention, reliable sealing, and efficient removal. The material is designed for direct placement in implant screw–access channels without an intermediate PTFE tape barrier.

INTENDED USE

XSeal LC is intended for temporary sealing and filling procedures performed by dental professionals.

INDICATIONS FOR USE

- Temporary sealing of implant screw–access channels.
- Temporary filling of cavity preparations.
- Temporary sealing of endodontic access preparations.
- Temporary sealing of inlay and onlay preparations.

CONTRAINDICATIONS

- Do not use in patients with a known hypersensitivity to silicones, acrylates, resins, or any other component of the material.
- Do not use as a permanent restorative material.

DIRECTIONS FOR USE

Before Application

1. Verify the expiration date. Do not use the product if the package or syringe is damaged or contaminated.
2. Read these Instructions for Use before using the product.
3. Remove the syringe cap and securely attach a new disposable application tip.

Placement and Curing

1. Prepare and thoroughly dry the cavity preparation, endodontic access preparation, or implant screw–access channel.
2. Dispense XSeal LC by gently pressing the syringe plunger.
3. Keep the application tip near the base of the preparation or screw–access channel while dispensing to minimize void formation.
4. Light–cure for 30 seconds.

Removal

When removal is indicated, engage the cured material with a dental explorer or other suitable instrument. XSeal LC is designed to allow convenient removal in one piece whenever possible.

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AFTER APPLICATION

1. Remove and discard the used application tip.
2. Replace the syringe cap immediately after use.
3. Store XSeal LC in accordance with the storage instructions below.
4. Protect the product from direct sunlight and strong ambient light.

WARNINGS

- For professional dental use only.
- Avoid contact with eyes and skin.
- Do not use after the expiration date.
- Keep out of reach of children.

PRECAUTIONS

- Use a new disposable application tip for each patient to prevent cross-contamination.
- Avoid repeated or prolonged skin contact with uncured XSeal LC. Sensitization may occur.
- If an allergic reaction, dermatitis, rash, or other sign of sensitivity occurs, discontinue use and seek appropriate medical evaluation.
- In the event of accidental eye contact, rinse immediately with plenty of water and seek medical attention.
- Follow standard infection-control procedures and use appropriate personal protective equipment.
- Avoid prolonged exposure of uncured material to ambient operatory light.

STORAGE

Store in a cool, dark place at 1–30 °C (34–86 °F). Protect from direct sunlight, excessive heat, and strong ambient light. Keep the syringe tightly capped when not in use. Refrigeration may be used for long-term storage within the stated temperature range.

DISPOSAL

Dispose of used application tips and unused material in accordance with applicable local regulations and the dental facility's clinical-waste procedures.

TECHNICAL AND PACKAGING INFORMATION

Cure type	Visible-light cure
Cure time	30 seconds
Delivery form	Syringe with disposable application tip
Storage temperature	1–30 °C (34–86 °F)
Package contents	5 × 2 g syringes; 10 disposable application tips
Reference	XSLC05

RESPONSIBILITY AND LIMITATIONS

Failure to comply with the specified transportation, storage, handling, and use conditions may alter the working characteristics of the material and reduce its shelf life. The manufacturer is not responsible for loss of product quality resulting from failure to follow these requirements. The user is responsible for use of the material outside the indications specified by the manufacturer.

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