

Introduction

Max Bond LC is an easy to use, self-etching, light cure adhesive. Max Bond LC is designed for strong bonding of light cure composite restorative materials to enamel and dentin. Max Bond LC consists of two components, Agent A and Agent B, that are mixed before application. Max Bond LC is a self-etching adhesive and does not require a separate etching or priming step.

Kit Contents

Agent A (5ml) x 1
Agent B (5ml) x 1
Disposable Mixing Well x 10
Disposable Brush x 50
Brush Handle x 1

Product Features

- Single step application for etching, priming and bonding
- Provides strong bonding strength to enamel and dentin
- Light cures in 10 seconds
- Results in long-lasting restorations
- Effective marginal seal reduces post operative sensitivity

Instructions For Use

1. Isolation

Isolation using rubber dam is recommended.

2. Cavity Preparation

Clean the tooth prior to the cavity preparation. Prepare the cavity with minimal tooth reduction. Margins should have a slight (0.5 - 1mm) bevel placed in the enamel to increase the surface area for greater bond strength.

3. Pulp Protection

The cavity floor of deep excavations should be covered with a thin layer of calcium hydroxide.

4. Application of Max Bond LC

One drop of Max Bond LC Agent A and one drop of Agent B are dispensed in a mixing well and mixed for at least 5 seconds.

Note: Shake the bottle well before dispensing.

Apply the homogenous mixture generously with the applicator brush onto the slightly wet enamel and dentin surfaces for 20 seconds with agitation. The material should build a homogenous layer. Air thin for 5 seconds to remove the volatile components and to disperse the adhesive. Light cure with a dental curing light for 10 seconds before placing the restorative material.

Notes:

- Use mixed bonding agent within 3 minutes (working time).
- Close the bottle caps after use.
- Do not interchange lids of the bottles to avoid cross-contamination of the liquids.

5. Placement, Curing and Finishing of Restorative Materials

Refer to manufacturer's instructions for placement, curing and finishing of the restorative materials.

Precautions

1. Max Bond LC is intended for sale to, and use only by, licensed dental care professionals.
2. Max Bond LC must be used only as instructed. Do not use Max Bond LC for any other applications other than instructed.
3. The use of examination gloves (plastic, vinyl or latex) is recommended at all times to avoid the possibility of allergic reactions from methacrylic monomers. If Max Bond LC comes in contact with the examination gloves, immediately dispose of the gloves and wash hands thoroughly with water.
4. Do not use Max Bond LC on a patient who is allergic or hypersensitive to methacrylic monomers, organic solvents, and/or acids.
5. Avoid contact of Max Bond LC with eyes, mucosal membrane, skin and clothing.

If Max Bond LC comes in contact with eyes, thoroughly flush eyes with water and immediately contact a physician.

If Max Bond LC comes in contact with mucosal membrane, wipe the affected area immediately and thoroughly flush with water after the restoration.

If Max Bond LC comes in contact with clothing or sensitive skin, even when covered with clothing, immediately saturate the area with an alcohol soaked cotton swab or gauze.

6. Do not expose the product or its vapor to open flame.
7. Do not leave Max Bond LC within reach of patients or children.
8. Do not use Max Bond LC if the safety seals are broken, or if the contents appear to have been tampered with, prior to use by the dental professional.
9. Do not use Max Bond LC with a chemical cured composite resin.
10. Do not mix Max Bond LC bonding agent with other brands of primers or adhesives.

Storage

Do not store above 23 °C (73 °F).

Avoid storage in direct sunlight.

Do not use after expiration date.