

Instructions for use

COLTENE

MARGIN BOND

A product of the coltene Brilliant Esthetic Line

Definition

Coltene Margin Bond is a light curing one component enamel adhesive for the adhesive tooth restoration.

Composition

Methacrylates

Indications

For the adhesive attachment of composite materials and composite cements to the enamel, thus optimizing marginal adaptation.

Contra-Indications

Established allergy to one of the components of Coltene Margin Bond. If the surgery site cannot be kept dry completely after enamel etching and during the application and curing of Coltene Margin Bond.

If oral hygiene is poor.

Side effects

No systemic side effects are known. Contact allergies with products of similar composition have been reported in individual cases.

Interactions with other agents

Agents which contain eugenols and clove oil may affect the polymerization of Coltene Margin Bond. The use of zinc oxide – eugenol cements in combination with Coltene Margin Bond is to be avoided. Mouth washes as well as plaque re-vealer and chlorhexidine.

Application

Cleansing of the tooth

The tooth to be treated and the adjacent teeth are cleaned using a brush and prophylax-paste which does not contain fluoride.

Isolation of the cavity (rubber dam)

A dry cavity is absolutely necessary for achieving optimum results. The use of rubber dam (e.g. HYGENIC Dental Dam) is recommended.

Cavity preparation

Prepare cavity according to the principles of (adhesive cavity)preparation.

Cavity liner

A pulp protection using well-proven materials and covering the areas close to the pulp using the spot technique with hardsetting calcium hydroxide cements will provide the best protection for the pulp against bacterial infiltration.

Matrix and translucent wedges

Apply a thin transparent matrix band for class II fillings. Fix the matrix proximally using interdental wedges.

Etching

Use the etching gel according to the corresponding instructions for use.

Bonding system

Apply one drop of Coltene Margin Bond on the mixing pad and, with a disposable brush, apply a thin layer of Coltene Margin Bond into the cavity and especially onto the etched and dried enamel. Massage Coltene Margin Bond onto the enamel with a brush for 20 s. Blow to a thin layer with oilfree compressed air and cure with halogen light (e.g. with Coltene Coltolux) for 20 s. The inhibition layer of Coltene Margin Bond must not be removed or contaminated.

Working time

Coltene Margin Bond is photosensitive and should not be exposed to light, particularly to operating light, for more than 1 min. If possible, protect Coltene Margin Bond that has been measured out onto the mixing pad by means of some light opaque covering (no blue color).

Application of filling material

Apply composite material according to the corresponding instructions for use.

Emergency measures, symptoms, antidotes

Acute danger due to incidental swallowing of Coltene Margin Bond can be excluded due to the small quantity applied and the lack of toxicity.

In the case of direct contact with the oral mucosa, rinsing with tap water is sufficient. In the case of contact with the eyes, rinse thoroughly with water (10 min) and consult ophthalmologist.

Toxicological characteristics

Coltene Margin Bond has been proven to be non-toxic and non-sensitizing. Allergic reactions to resin components or the amine component are possible in patients with a special disposition.

If pulpal protection is insufficient, if not enough distance to the pulp is maintained, or if etchant gel remnants remain on the tooth surface, pulp damage may occur.

Note

Keep out of the reach of children!
Only supplied to dentists and dental laboratories or upon their instructions.
Should not be used after expiry date.
Always close bottle after use.

Shelf life and marking

Storage/Shelf life

Coltene Margin Bond must be stored in the refrigerator (4-8°C / 41-46°F). After first application, it can be stored at room temperature (approx. 23°C/73°F) if used quickly, avoiding exposure to direct sunlight or other heat sources.
Coltene Margin Bond fulfills the intended purpose until the expiry date, which is marked on the containers.

Marking

The expiry date and Batch No number are marked on the containers.

Caution

Federal law restricts this device to sale by or on the order of a dentist.

Infection control

Compliance with the following instructions ensures optimal hygienic conditions when using coltene Margin Bond:

- Dispose of brush tips after first use.
- Clean and disinfect brush holders in ultrasonic units (e.g. whaledent BioSonic) by immersing them in disinfectant solutions.
- Clean brush tip holder with cotton pellet soaked in disinfectant solution.

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