

Instruction for Use (Please read carefully!)

Acid gel for the enamel etching technique

To be used by dentist only!

Contents:

Syringe with 2 ml gel

Composition:

37% phosphoric acid gel

Field of application:

For etching of teeth with the enamel-etching-technique to improve the bonding of tooth fillings.

Counter indications:

Avoid contact with the gingiva, unprotected dentin and adjacent teeth.

Precautionary measures and warnings for the application:

Strong acid as used in Micro-Etch may destroy or irritate tissue. It is, therefore, highly recommended to avoid contact with gingiva, skin and eyes. The areas to be etched have to be clearly restricted. All other areas exposed to the acid are to be rinsed immediately with copious amounts of water.

Reciprocal effect:

The caustic agent may dissolve cavity linings.

Application:

Apply Micro-Etch directly from the syringe to the tooth enamel in a thin layer. While applying please take note of the following:

- Clean areas to be etched carefully, rinse and completely dry.
- Cover exposed dentin.
- Apply Micro-Etch under slight pressure with the syringe directly onto the desired area.
- Leave Micro-Etch in place for approximately 60 seconds, and then rinse off residue with water for approximately 45 seconds while using a suction tube.
- Re-dry the working area (avoid contamination of the etched enamel with saliva) and dry for at least 15 seconds with oil-free air.
- Further treatment depends on the particular indication.
- Enamel which is etched sufficiently should have a matte, chalky-white appearance.
- Reduce time when etching adolescent teeth to approximately 30 seconds, increase time for teeth high in fluoride or low in prisms to 120 seconds.
- Should the enamel get contaminated with saliva between drying-out and further treatment, a short (10 seconds) re-etching, rinsing and drying is necessary.
- Etched enamel, which is not covered with synthetic material, should be fluoridated.
- Push cover over cannula, or remove cannula after each treatment and close Micro-Etch with the white cap. A spare cannula is enclosed. Additional cannulas can be obtained from the supplier.

1 syringe of Micro-Etch lasts for approximately 30 applications.

Storage/Shelf Life

The shelf life of Micro-Etch is 3 years.

Do not store above 25 °C.

Characteristics

The phosphoric acid used for the enamel etching technique leads to a superficial etching and dissolution of the enamel prisms resulting in a retentive etching pattern, surface extension and better wettability. This enhances the adhesive force and can decrease the marginal leakages occurring during the following application of filling and adhesive material on resin basis.

Presentation

Syringe with 2 ml gel

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