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## CERAMICGEL

**PURPOSE.** "CERAMICGEL" is designed for etching prostheses made of ceramics in and out of mouth cavity. It represents yellow-colored gel containing 9% of hydrofluoric acid stabilized by buffer.

### CLINICAL PROCEDURE

#### Out of mouth cavity

1. Prepare ceramic surface
2. Place on it an even layer of Ceramicgel. Etching time – 60-90 seconds
3. In order to neutralize etching gel it is recommended to place on its surface Barrier gel and accurately mix them till the reaction stops completely. Remove neutralized gel and rinse with water for about 1 minute, then dry the etched area. The etched surface should be matt.

#### In the mouth cavity

1. Prepare ceramic surface with the use of diamond bur with high speed of rotation
2. Place on the surrounding tissues and restoration materials a layer of Barrier gel (containing 5% bi-carbonate natrium)
3. Place on the prepared ceramic surface an even layer of Ceramicgel. Etching time – 60-90 seconds
4. In order to neutralize etching gel it is recommended to place on its surface Barrier gel and accurately mix them till the reaction stops completely. Remove neutralized gel and rinse with water for about 1 minute, then dry the etched area. The etched surface should be matt.

Attention! It is necessary to follow strictly the instruction with the aim to remove completely all hazardous materials. During etching procedure in the mouth the patient, doctor and his assistant must use protective glasses. Avoid dissemination of etching gel outside designed area. In case etching gel gets onto soft tissues, skin, the Barrier gel must be placed there immediately and then the area must be rinsed with large quantity of water.

Vapor of hydrofluoric acid causes irritation of respiratory tract and by long-term impact may cause burn.

### STORAGE.

CERAMICGEL syringe must be closed immediately after use. Shelf life is 2 years if stored at the temperature  $+(18-29)^{\circ}\text{C}$

BARRIER gel is stored at  $+(4-29)^{\circ}\text{C}$ , shelf life is 2 years.

### DISPOSAL

CERAMICGEL syringe with expired shelf life or if became unserviceable for other reasons or after all material has been used, must be neutralized. For this purpose it must be placed in reservoir containing 5% bi-carbonate natrium for 15-30 minutes. After neutralization the syringes should be disposed off by collecting them in a container with further utilization as domestic waste. BARRIER gel syringe with expired shelf life or if became unserviceable for other reasons should be disposed off by collecting them in a container with further utilization as domestic waste.

