



## INSTRUCTION FOR USE SMART ETCH

### COMPOSITION

Orthophosphoric acid (37%), Gel forming agent with aqueous base

### PROPERTIES

Gel for etching of enamel and dentine.

Within 15-30 sec. after gel applying, enamel color becomes chalky, that means that the surface get rough, what increases adhesion of restoration materials to enamel surface.

After applying of gel on dentine surface, Orthophosphoric acid forms acid phosphates with dentine calcium and smear layer. Gel removes smear layer, opens dentinal tubules and changes the surface of dentine. That provides high adhesion of restorative materials to tooth dentine and enamel.

Gel Smart Etch is water based and can be easily removed with water and air.

Dental product is produced for using in aggressive biological medium with the temperature range between 32°C and 42°C (in oral cavity at the temperature (37±1)°C and humidity 60-90 %).

### INDICATIONS

Enamel and dentine etching according to acid etching technique

### CONTRAINDICATIONS

Drug idiosyncrasy

Use with great care for allergic patient

Don't misuse

### SIDE EFFECTS

No known side effects as far as all terms of application, transportation and storage are observed

### METHOD OF USE

Small amount of gel is applied on prepared and dried enamel surface (contact time 30 sec) or dentin surface (contact time 15 sec). For dentine and enamel treatment contact time is 30-45 sec. Wash the gel off with water and dry with compressed air.

### PRESENTATION

Smart Etch Gel 5ml

Ref no 001-01-005

Smart Etch Gel 25ml

Ref no 001-01-025

### STORAGE

Store at 5 °C to 25 °C, in a well sealed container

Attention! Close materials tightly after use

The material must not be used after the expiry date

Shelf life – 3 years

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