

# Enigma Flowable Gingival Composite

## Light-curing composite stains

### Instructions for Use



**Contains: Tetramethylene dimethacrylate, diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide.**

**Warning.** May cause an allergic skin reaction. Avoid breathing vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. If skin irritation or rash occurs: Get medical advice/attention. If there is anything in this instruction for use that you do not understand, please contact our customer service department before using the product.

#### Range of application

Characterization of composite facings on crowns and bridges, individualization of tailor-made resin teeth as well as characterization of denture base resins in partial and full dentures, individualization of fixed restorations inside the patient's mouth. Inlays, onlays, veneers and fillings.

#### Instructions

The stains can be applied directly from the syringe. Alternatively, the stains can be put on a palette for mixing which can be covered and can be applied with a thin brush. All shades are intermixable.

Consider the instructions for the composite.

Apply Enigma Flowable Gingival Composite in layers no thicker than 0.3 mm. We recommend the placement of a rubber dam when using the material inside the patient's mouth.

#### Polymerization

Enigma Flowable Gingival Composite can be polymerized in all conventional light-curing systems.

Before the final polymerization, the complete polymerization site may be covered with Enigma Cover Gel. This avoids the formation of a new dispersion layer and facilitates the finishing of the object.

Use a light-curing system with an emission spectrum of 310-500nm. Perfect physical properties can only be obtained with lamps in perfect condition.

It is important to test the light intensity regularly, in line with the manufacturer's instructions. When using a handheld polymerization lamp, it is important to ensure that all the material is exposed to the light.

#### Finishing

All silicone polishers (square-edge or knife-edge wheels, cylinder) as well as hard metal and diamond burs are suitable for finishing the material.

The veneer is polished with handpiece mounted goat-hair brushes, woolen wheels and a polishing paste. Careful finishing of the surface is essential if optimal results are to be achieved, thus virtually precluding deposits (nicotine, caffeine etc.) which could cause discoloration.

#### Guarantee

Our technical instructions, regardless of whether they are provided verbally, in writing or during practical demonstrations, are based on our own experience and should only be considered guidelines. As our products are subject to continued development, we reserve the right to modify them.

#### Working time range of the material

1 - 3 minutes, depending on the light conditions.

#### Storage

To retain the material's stability (shelf-life), store at temperatures of 10-25°C or 50-77°F. Close syringe directly after use and protect product from direct light exposure.

#### Shelf-life

The maximum shelf-life is imprinted on each syringe. Do not use after shelflife has expired.

### Side-effects

With proper use of this medical device, unwanted side-effects are extremely rare. Reactions of the immune system (allergies) or local discomfort, however, cannot be ruled out completely. Should you learn about unwanted side-effects, even if it is doubtful that the side-effect has been caused by our product, please kindly contact us.

### Contra-indications / interactions

If a patient has known allergies against or hypersensitivities towards a component of this product, we recommend not to use it or to do so only under strict medical supervision. The dentist should consider known interactions and cross reactions of the product with other materials already in the patient's mouth before using the product.

### Note

Please supply the dentist with the above information, if this medical device is used to produce a special model. Please also consider the safety data sheets.

### Interactions with other materials

As phenolic substances (such as eugenol) inhibit polymerization, do not use materials containing these substances.

### Composition

**Filler, anorganic** (50 weight % respectively 36% by volume)

Glass filler (medium particle size: 0.7  $\mu\text{m}$ )

Pyrogenic silica (medium particle size: 0.01  $\mu\text{m}$ )

### Monomers (49 weight %)

Urethane dimethacrylate  
Tetramethylene dimethacrylate  
Bis-GMA

### Additives (1 weight %)

Initiators, stabilizers, pigments

### Polymerization times

Spektra LED 1 min. Spektramat 5 min.  
Spektra 2000 fast 3 min. Labolight LV- II / III 5 min.  
Spektra 2000 5 min. Solidilite EX 5 min.  
Hera Flash / HiLite 3 min. Bluephase 20 sec.

This product is specifically formulated for use in dentistry.

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