

# MerFill Paint

## UNIVERSAL FLOWABLE COMPOSITE PAINTS

For direct and indirect restorations, for the individualization of restored teeth. As the masking agents for the teeth with changed color.

### F&A MEDICAL

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### ●● INDICATIONS

- Flowable composite paints can be used:
- For direct and indirect restorations, for the individualization of restored teeth.
- As the masking agents for the teeth with changed color.

### ●● SHADES OF COMPOSITE PAINTS

- MerFill Paint Brown – for the reconstruction of natural color of fissures.
- MerFill Paint Ochre – for color correction of some sites of teeth (cracks, tobacco spots, etc.).
- MerFill Paint White – for imitation of characteristic features of teeth (hypercalcification, fluorosis, etc.).
- MerFill Paint Gray – blue-gray paint for color correction of some teeth areas.
- MerFill Paint Black – to extend the range (change shades) of existing paints.

### ●● METHOD OF APPLICATION

The paint is applied onto the place of reconstruction of tooth characteristic feature with the help of the thin brush or by means of the syringe with a thin tip. It is cured by a usual curing light.

Two following variants of usage are possible:

The paint should be applied layer-by-layer. Thickness of one layer should not be more than 0,5 mm. The paint can be applied while making a seal and then can be covered with thin layers of the composite material. Layers of the composite material protect the paint from attrition.

There should be created the characteristic superficial texture on the sealing material by means of the corresponding dental instruments. The processed surface should be etched by dental etching gel, washed out with water and dried with the air. Then apply the adhesive and cure it according to the instruction of the manufacturer.

After that – apply the composite paint, cure it and cover the paint with a thin layer of transparent or translucent composite material. The last layer of the composite material protects the paint from attrition.

### ●● PHOTOPOLYMERIZATION

Use a unit for the polymerization intended for the materials containing camphoroquinone as the initiator, that is with a spectral maximum of radiation around 465 nanometers. The minimal power of unit should be not less than 550 mWatt/cm<sup>2</sup>, and the time of polymerization should be in the 20-30 sec range.

### ●● CAUTIONS

MerFill Paint contains methacrylic resins that may cause an allergic reaction by skin contact in certain individuals. Avoid long or repeating contact of not-polymerized material with the skin (allergic contact dermatitis is possible), soft tissue of the oral cavity and eyes.

In case of contact, immediately wash thoroughly a place of contact with water and soap. If there is rash or other signs of allergic reactions on the skin stop use of the material and ask for medical care.

Use of this product in patients with known acrylic allergies is to be avoided.

## •• CONTRAINDICATIONS

Allergic reactions in the anamnesis of the patient especially on methacrylic resins or on any other component of dental materials.

## •• PRECAUTIONARY MEASURES

1. During the work with the material use special glasses, gloves, clothes and mask. Goggles are recommended for the patients also.
2. Observe the security measures provided during the work with powdery, siliceous substances. Use goggles, a mask and gloves.

## •• COLLATERAL REACTIONS

The product can cause irritation of eyes, skin and mucous membranes. (see. CAUTION section).

## •• INTERACTION WITH OTHER DENTAL MATERIALS

Use of eugenol-containing materials in a combination with MerFill Paint is contraindicated. Evgenol-containing dental materials can have negative impact on ability to a polymerization.

## •• WARRANTY

The manufacturer warrants the quality of manufactured products. The adverse events inflicted by violation of user manual, storage conditions and other events inflicted by non-stipulated usage of the material are not the subjects of warranty. The customer is responsible for determination of suitability of this product for user's application. Warranty conditions: the product does not comply with requirements declared by manufacturer. In this case the manufacturer replaces the defective material within warranty period.

## •• LIMITATION OF LIABILITY

The manufacturer's liability is limited by only cases stipulated by direct legislation of the country.

## •• STORAGE

- Inappropriate storage conditions will reduce terms of use and can lead to deterioration of properties of the material. Don't allow direct sunlight on the product. Store a material in a dry place.
- Store a product at the temperature of 4 – 25 °C (39.2 – 77 °F).
- DO NOT FREEZE!
- Shelf life of MerFill Paint is 2 years.

## •• RECYCLING

Dispose of the medical device in accordance with local / regional / national / international legal requirements.

## •• PACKING

MerFill Paint in syringes of 2 ml.

### • Shades:

- MerFill Paint Brown – for the reconstruction of natural color of fissures.
- MerFill Paint Ochre – for color correction of some sites of teeth (cracks, tobacco spots, etc.).
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**For professional use in dentistry only!**

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