

MerFill MR

WETTING AGENT FOR COMPOSITE MODELLING

MerFill MR is a 30% filled, radiopaque light cured composite wetting agent. MerFill MR is a universal composite wetting agent and it can be used with any microhybride-type composite restorative materials.

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**•• INDICATIONS**

- MerFill MR may be used during the placement of composite if the composite has become dry during incremental layering, or if the oxygen inhibition layer has been removed or disturbed.
- Composite Wetting Resin helps to improve the glide of the instrument during sculpting and contouring.
- The material has two viscosity grades, medium [standard] and low viscosity – LV.

•• PROCEDURE

- Remove lock caps and attach the tip to syringe.
- Apply a thin layer to cured composite increment as needed. Air dry with half pressure for thin layer as need.
- Then apply a new layer of the composite restorative material.
- If using Composite Wetting Resin for instrument glide, apply a small quantity to instrument or surface of soft composite.

•• 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/cm², and the time of polymerization should be in the 20 sec range.

•• CAUTIONS

MerFill MR 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 MR 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 MR is 2 years.

•• RECYCLING

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

•• PACKING

- MerFill MR in syringes of 2 ml – medium (standard) viscosity.
- MerFill MR (LV) in bottles of 6 ml – low viscosity.

For professional use in dentistry only!

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