

Thank you for choosing **microTemp HT Plus®**, the unique acrylic for temporary crowns and bridges.

MicroTemp HT Plus is an easy to use material for secure and aesthetic immediate solutions. To make sure you always achieve reliable results with this product, we would like to ask you to read these instructions thoroughly.

Indications:

- indirect, extraoral fabrication of temporary crowns and bridges
- finishing of veneers

Important: **MicroTemp HT Plus®** is not suitable for direct, intraoral use.

Short Information:

Mixing ratio Powder/Liquid	10:5
Swelling phase approx.	1 min.*
Casting phase approx.	2 min.*
Modeling phase approx.	5 min.*
Polymerization at room temperature approx.	8-12 min.*

*The provided processing times refer to a material- and room temperature of 23°C [73,5°F].
Higher temperatures shorten, lower temperatures extend these processing times

About this product:

The material shows brilliant physical and mechanical properties and is abrasion-resistant. **MicroTemp HT Plus®** is also perfectly suitable for finishing veneers.

Material / Purpose:

Temporary crown and bridge material, autopolymer based on isobutyl-methacrylate in the form of powder and liquid. Classification according to MDD 93/42/EEC annex IX Class IIa for surgically invasive prosthodontic devices.

Product features:

- Cadmium free
- easy to use
- good mechanical properties
- color stable due to a catalyst system without tertiary amines
- natural shading

Mixing ratio 10 : 5

Suggested mixing ratio: 10g of powder with 5ml of liquid. Dosing individually is possible.

Preparation:

Place the required amount of liquid into the mixing cup, then add the according amount of powder. When dosing individually add just as much powder as needed to absorb the liquid. Stir thoroughly.

Making a temporary crown:

Take a preliminary overall impression with alginate gel or kneadable silicone and save it until the end of the fabrication. Prepare the tooth and create a stump model of plaster and isolate it with alginate based isolation fluid, preferably **microSOL®**. Creating the stump of wax is also possible.

Insert the mixed acrylic inside the impression during the materials plastic modeling phase. Assure the original occlusion between the stump and the impression and let the material cure.

After the material has cured the temporary crown can be removed.

Making a temporary bridge:

When making a temporary bridge the gaps need to be filled with space maintainers (acrylic teeth or wax) before taking the impression. It is suggested to use acrylic teeth with mesially and distally grinded retentions to provide a mechanical lock with the material.

Where several teeth are missing, coat acrylic teeth in wax to hold them in the gap before taking the impression in order to "simulate" an intact alignment of the teeth.

After the preparation of the abutment teeth the temporary bridge is fabricated as described in section "making a temporary crown".

After completion:

As soon as sufficient space for the temporary cement has been formed the temporary work can be finished and polished. It should then be cleaned thoroughly with water and soap. After it has dried the temporary crown or bridge should be fixed with eugenol-free cement.

Storage and safety measures:

The material must not be used after expiration date. Storage temperature must not exceed 25°C [77°F]. Avoid direct sunlight. Keep containers closed after use and keep out of reach of children. Monomer is highly flammable, irritating to respiratory system and skin. Sensitization may occur after skin contact. Keep containers in a well ventilated place. Avoid contact with eyes and skin. Do not inhale vapours. Keep away from sources of ignition. Do not smoke. Do not allow liquid to get into drains. Empty containers can be recycled in accordance to your local recycling regulations.

Product shades:

microTemp HT Plus® is available in the following shades:

Enamel: E1, E2, E3, CLO(clear), BLH(light blue) WT(White Opalescent), **Dentin:** DA2, DA3, DA3,5, DA4, DB1, DB2, DB3,DC2, DC3, DD3