



## Quicktemp Cosmetic Instructions for Use

### PRODUCT DESCRIPTION

Quicktemp Cosmetic is a bis-acrylic based temporary crown and bridge material that is free from methyl-methacrylate. The material is mixed automatically at a ratio of 10:1, offers special "Snap-Set" setting behavior and consequently has a long plastic working stage, during which the temporary restoration can be easily removed from the patient's mouth. Thanks to its excellent mechanical values, Quicktemp Cosmetic is extremely fracture-resistant and thus most suitable for fabricating long-term provisional restorations. Quicktemp Cosmetic guarantees a highly accurate fit of the finished temporary restoration with optimal marginal integrity.

### INDICATION

- Extensive tooth defects: Tooth decay, severe wear, traumatic injuries of the dental enamel
- Shape and positional anomalies of the teeth
- Tooth loss

### CONTRA-INDICATION

Do not use the material where there are contact allergies or known allergies to any of the components.

### INTENDED PURPOSE

Fabrication of temporary crowns, bridges, inlays, onlays, partial crowns, veneers and long-term provisional restorations.

### LIMITATIONS OF USE

Use the material to create temporary restorations only.

### INTENDED USER

Dentist, dental assistant staff and dental technician.

### PATIENT TARGET GROUP

People treated in the course of a dental procedure.

### RECOMMENDED USE

A dental impression should be taken using alginate or silicone before preparing a stump for a crown or bridge or before a planned extraction. The interdental flash of the impression should be cut away to improve the stability of the temporary restoration to be fabricated at a later stage. When using alginate impressions, use the Quicktemp Cosmetic as soon as possible after taking the impression.

### Recommended use and elastic phase

1. Dry the prepared teeth and lightly coat the stumps, surrounding tissue and any existing synthetic material with a separating agent (e.g., Vaseline).
2. Apply Quicktemp Cosmetic into the deepest section of the impression and then fill up to the gingival areas. Always keep the mixing tip immersed in the material to avoid air bubbles.
3. Reposition the filled impression in the mouth within 45 seconds.
4. Quicktemp Cosmetic has a firm, elastic consistency approximately 90-140 seconds after mixing and can be easily removed from the patient's mouth. The curing process must be monitored intra-orally (e.g., with a probe), as the temporary restoration can only be easily removed during the elastic phase.
5. The final chemical curing of Quicktemp Cosmetic occurs within 300 seconds after mixing. To this end, the temporary restoration should be placed back into the impression. After the removal of the oxygen-inhibited layer with a solvent (e.g., alcohol), the temporary restoration can be refined and polished.
6. Commercially available temporary cements (e.g., Temporary luting cement) can be used for luting the temporary restoration.

### Repair of temporary restorations

A feature of temporary restorations fabricated using Quicktemp Cosmetic is their high mechanical strength. If, however, a temporary restoration should fracture, we recommend the following procedure:

#### Fracture of the temporary restoration shortly after fabrication:

- Bond the fractures with freshly mixed Quicktemp Cosmetic.
- Press the fragments together for approx. 180 secs.
- After Quicktemp Cosmetic is completely chemically cured, the temporary restoration can be processed as usual.

#### Fracture of an older or in situ temporary restoration:

- Roughen the fractured sections & prepare undercuts.
- Bond the prepared fracture with freshly mixed Quicktemp Cosmetic. The use of a suitable bonding agent (e.g., Quicktemp Cosmetic Glaze & Bond) for improved adhesion is recommended.

- Press the fragments together for approx. 180 secs.
- After Quicktemp Cosmetic is completely chemically cured, the temporary restoration can be processed as usual.

TIMING	(in seconds)
Injection into the impression	0
Insert the impression into the mouth	0 - 45
Removal from the mouth	90 - 140
Chemical self-curing is complete	≥ 300

#### Notes for use

- If the material is applied to the patient's mouth with a single use applicator, the single use applicator must be used for this one patient only for hygienic reasons.
- The times given in the working sequence for Quicktemp Cosmetic are valid at a room temperature of 23°C or an oral temperature of 35-37°C and a relative humidity of 50%. Higher temperatures shorten, lower temperatures lengthen these times.

#### INTERACTIONS

- Residues of methacrylate-based materials may alter the setting behavior of the silicone impression and bite registration materials.
- Materials containing eugenol, moisture and oily air may inhibit polymerization at the contact area.

#### CARTRIDGE HANDLING

The double barreled syringes and cartridges enable the automatic dispensing and mixing, which allows a time saving direct application. When using a new cartridge, remove the transport cap first. The mixing tip can then be fitted. After use and until the next treatment, leave the mixing tip on the cartridge as a seal. The used mixing tip should be replaced with a new tip when the device is used for the next treatment.

**Note:** When using a double barreled syringe or cartridge for the first time, discard a small amount of the initially ejected material (e.g., a pea-sized amount).

#### RESIDUAL RISKS/SIDE EFFECTS

There are no known side effects to date. The residual risk of hypersensitivity to components in the material cannot be ruled out.

#### WARNINGS/PRECAUTIONS

- For dental use only.
- Keep out of the reach of children.
- Avoid contact with the skin. In the event of accidental skin contact, immediately wash the affected area thoroughly with soap and water.
- Avoid contact with eyes. In the event of accidental contact with the eyes, immediately rinse thoroughly with plenty of water and consult a physician if necessary.
- Follow the manufacturer's instructions for other products that are used with the material/materials.
- Serious incidents involving this product must be reported to the manufacturer and to the responsible registration authorities.

#### PRODUCT PERFORMANCE CHARACTERISTICS

Compressive strength:  
≥ 300 MPa, Flexural strength: ≥ 100 MPa.

#### STORAGE/DISPOSAL

- Store at room temperature (15-25°C/59-77°F).
- Do not store in the refrigerator.
- Protect against exposure to direct sunlight.
- After application, leave the used mixing tip on the Automix Cartridge or Smartmix Syringe as a seal.
- Do not use after the expiration date.
- Disposal must comply with national regulations.

#### COMPOSITION

Dental glass, EBPADMA, aromatic urethane diacrylate, unsaturated polyester resin, aliph. Polyester diurethanes, SiO<sub>2</sub>, TEDMA, HEMA, additives. Inorganic filler content: 43 wt.% = 24 vol.%. The inorganic filler particles vary in size from 0.02 to 1.5 µm.

#### PACKAGING

Containing 1 cartridge of 76g and 16 mixing tips.

<b>REF</b>	<b>0446-HB0 Quicktemp Cosmetic</b>	Shade: HB0 Bleach
<b>REF</b>	<b>0446-A1 Quicktemp Cosmetic</b>	Shade: A1 Light
<b>REF</b>	<b>0446-A2 Quicktemp Cosmetic</b>	Shade: A2 Universal
<b>REF</b>	<b>0446-A3.5 Quicktemp Cosmetic</b>	Shade: A3.5 Dark

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