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Quicktemp2
Instructions for Use

PRODUCT DESCRIPTION
Quicktemp2 is a bis-acrylate based temporary crown and bridge material that is free from peroxide and methylmethacrylate. Stress to the pulp is avoided by the tissue-compatible low polymerization temperature. Quicktemp2 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, Quicktemp2 is extremely fracture resistant and color stable, and thus most suitable for fabricating long term provisional restorations. Quicktemp2 guarantees a highly accurate fit of the finished temporary restoration with optimal marginal integrity. Quicktemp2 is mixed automatically.

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 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 Quicktemp2 as soon as possible after taking the impression.

Recommended use and elastic phase
Dry the prepared teeth and lightly coat the stumps, surrounding tissue and any existing synthetic material with a separating agent (e.g., Vaseline). Quicktemp2 should be placed in the deepest part of the impression and then filled towards the gingival areas. Always keep the mixing tip immersed in the material to avoid air bubbles. Reposition the filled impression in the mouth. Quicktemp2 has a firm, elastic consistency approximately 2 to 3 minutes 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.

Final curing and processing
The final curing of Quicktemp2 takes place in the next 3 minutes outside of the mouth. 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. Commercially available temporary cements (e.g., Temporary luting cement) can be used for luting.

Repair of temporary restorations
A feature of temporary restorations fabricated using Quicktemp2 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 Quicktemp2.

Fracture of an older or in situ temporary restoration: Roughen the fractured sections and prepare undercuts. Bond the prepared fracture with freshly mixed Quicktemp2. The use of a suitable bonding agent (e.g., Quicktemp Cosmetic Glaze & Bond) for improved adhesion is recommended. Press the pieces together for approx. 3 minutes.

TIMING (in seconds)

Injection into the impression	0
Insert the impression into the mouth	0 - 45
Removal from the mouth	120 - 180
Removal of the oxygen-inhibited layer with solvent	360 - 420

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.

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.

USING THE DOUBLE-BARRELED SYRINGE
The double barreled syringes and cartridges enable the automatic dispensing and mixing, which allows a time saving direct application. When using a new double barreled syringe, 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 double barreled syringe 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).

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:
≥ 250 MPa, Flexural strength: ≥ 75 MPa.

STORAGE/DISPOSAL
• Store at room temperature (15-25°C/59-77°F).
• Do not use after the expiration date.
• Disposal must comply with national regulations.

COMPOSITION
Dental glass, EBPADMA, aliph.
Polyester diurethane, unsaturated polyester resin, SiO2, 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.

REF	**0427-A1 Quicktemp2**	Shade: A1 Light
REF	**0427-A2 Quicktemp2**	Shade: A2 Universal
REF	**0427-A3.5 Quicktemp2**	Shade: A3.5 Dark

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