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Zhermack

Dental

ELITE LC TRAY
ELITE LC TRAY ROUND

Light-curing tray material
for making individual impression trays, ready-to use

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Può causare reazioni allergiche alla pelle.
May cause an allergic skin reaction.
Peut provoquer une allergie cutanée.
Puede provocar una reacción alérgica en la piel.
Kann allergische Hautreaktionen verursachen.

Manufacturer
dent a pharm Produktionsgesellschaft mbH
Schusterring 35, 25355 Barmstedt/Germany

EU Distributor
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CE

Made in Germany

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

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Patient target group
All persons for whom individual trays are required for treatment.
Intended user
Dentist
Composition Qualitative data:
Oligomeric urethane acrylate, vinyl ester resin, 2.2-dimethoxy-1,2-diphenylethane-1-one or by 2.2-dimethoxy-2-phenylacetophenone, (+-)-2,3-dioxo-1,7,7-trimehyl-bicyclo-(2,2,1)-heptane dibornane-2,3 dione, diphenyl(2,4,6-trimethylbenzoyl)phosphinoxide, 2-hydroxy-2-methyl-1-phenyl-propane-1-one, 2-ethylhexyl-4-(dimethylamino)benzoate, 2,2 -diethoxyacetophenone, sodalime glass, amorphous silica, dyes (Pigment Red 146 = CI 12485 / Pigment Blue 29 = CI 77007 / D&C Red 30 = CI 73360 / Pigment Blue CI 74160 / Pigment Violet 19 = C.I. 73900), flavourings (Optamint).
Quantitative data:
In 100 g there are 19 g acrylates/methacrylates and 80 g glass.
Intended purpose of the product
Elite LC Tray / Elite LC Tray Round is a light-curing tray material in the form of prefabricated, baseplates to make rigid, custom impression trays and bite-blocks, as well as for other indications. Elite LC Tray / Elite LC Tray Round can be cured in all ultraviolet and Halogen light-curing units. The baseplates are supplied in a re-usable light-proof box that can be used for transporting or storing models, etc.
Indications
- Custom impression tray
- Bite-block
- Baseplate for setting up dentures
- Key for supporting pin registration
- Bite wafer for try-in framework
- Splinting outer coping or telescoping crowns

Contraindications
The material contains methacrylates.
Do not use in patients with an allergy to methacrylates or other substances contained in the product.
Performance characteristics of the product
Elite LC Tray / Elite LC Tray Round polymerises with light to form a solid and compact polymer.
Specific precautions
Avoid any contact between the eyes and skin and the uncured material, i.e. also with the inhibited layer.
Always use a dust extractor when trimming the tray!
Preparation/Manufacture
- Mark the outline of the future tray on the model.
- Block out the undercuts on the model.
- To create a spacer for the impression material, block out the entire model (e.g. with a sheet of wax) and cut out stops.
- If the plaster is very dry, soak the model briefly in water or apply dye isolation or an alginate isolation.
- Remove the baseplate from the box and close it.
- Once the model has been blocked out, adapt the baseplate to it and cut to shape using, e.g. a scalpel.
- Use the remaining material to form a handle and attach it to the tray.
- Place the model and tray in a light-curing unit and cure without vacuum.
- Remove the tray from the model and polymerize once again from the underside.
- If the tray has been cured without a vacuum, use alcohol to remove the smear layer.

Times:
Working at daylight 20 minutes
Polymerisation in an ultraviolet or Halogen light-curing unit, depending on the unit in use:
The top of the tray, on the model 3-5 minutes
The underside of the tray, off the model 3-5 minutes
Trimming:
- Trim the custom tray with tungsten carbide burs and smooth it with sandpaper.

Hygiene:
Immerse impressions taken with Elite LC Tray / Elite LC Tray Round customs trays in a disinfectant solution based on glutar aldehyde. The time depends on the disinfectant manufacturer's directions. The finished medical product is used by the dentist, e.g. for individual trays with impression material.
Caution
The product has been developed for use in the dental sector and must be used according to the directions. The manufacturer accepts no liability for damage that results from use other than the above. Furthermore the user is obliged under his own responsibility to examine the material for its suitability and its usage possibilities for the intended applications, especially if the latter are not detailed in the directions for use.
Side effects
Adverse side effects are not known.
Interactions
Interaction of the product and its metabolites with other medical devices, medicinal products or other substances is not known.
Technical data
Flexural strength min. 130 N/mm²
Minimum shelf life
Do not use Elite LC Tray / Elite LC Tray Round after the expiry date.
Disposal
Uncured material can be polymerised with light (sunlight or artificial light) and then disposed of as plastic waste.
All serious incidents related to the device shall be reported to the manufacturer and to the competent authority of the Member State where the user and/or the patient is established.

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