anaxBLEND

Processing instructions

anaxBlend Colors S

1 Intended purpose
Dental colors for individualization are composite-based colors that are used to individualize or characterize a wide variety of dental materials.

2 Description of product and users
2.1 Product description
anaxBlend Colors S are light-curing stains for crown and bridge techniques that are suitable for use with composite veneers or denture acrylics.

2.2 Users
For use by laboratory technicians in a dental laboratory

3 Composition
3.1 anaxBlend Colors S
Di-urethane dimethacrylate, tetramethylene dimethacrylate, silicon dioxide, glass powder, pigments, initiators
Fillers: 48 wt.% inorganic filling materials (0,005-3,0 µm)

4 Indications
- Characterisation of composite veneers using crown and bridge techniques
- Customisation of prefabricated acrylic teeth
- Characterisation of base acrylics in partial or complete dentures

5 Contraindications
- Do not use in the case of a known allergy to one of the components.

6 Warnings
Warning! Contains di-urethane dimethacrylate, tetramethylene dimethacrylate, diphenyl(2,4,6-trimethylbenzoyl) phosphine oxide. May cause an allergic skin reaction.

7 Precautionary instructions
Avoid breathing vapours / spray. Wear protective gloves. If skin irritation or rash occurs: Get medical advice/ attention.

8 Interactions with other agents
Phenolic substances such as Eugenol inhibit polymerisation. Therefore, do not use any material containing these substances.

9 Application / Preparation
Processing times: 1-3 minutes, depending on lighting conditions.

9.1 Characterisation of composite veneers using crown and bridge techniques
9.1.1 Immersion instructions
The composite used is coated as usual (follow manufacturer's instructions). The stains can be applied between the individual layers for customisation purposes. The stains are expressed from the syringe onto a palette and applied as required using a brush. The composite is re-coated following interim polymerisation.

9.1.2 Painting technique
If the composite veneer is already prepared, the surface must be roughened first and a new dispersion layer created using a bonding fluid for composites (follow manufacturer's instructions). The stains can then be applied to these as required. This is followed by final polymerisation.

9.2 Customisation of prefabricated acrylic teeth
The surface must be roughened first using a tungsten carbide burr and a new dispersion layer created using a bonding fluid for composites (follow manufacturer's instructions). The stains can then be applied to these as required. This is followed by final polymerisation.

9.3 Characterisation of base acrylics in partial or complete dentures
The surface must be roughened first using a tungsten carbide burr and a new dispersion layer created using a bonding fluid for composites (follow manufacturer's instructions). The stains can then be applied to these as required. This is followed by final polymerisation.

9.4 Finishing
Polishing is performed with goat bristle brushes, polishing paste and soft cotton wool discs. Careful surface finishing and polishing is essential for an optimal result and largely prevents the formation of deposits (nicotine, caffeine etc.) as well as the discolouration associated with this.

10 Polymerisation times

Light-curing unit	Interim polymerisation	Final polymerisation
Spektra LED	30 sec	1 min
Spektra 2000	1 min	3 min
HiLite / UniXS	90 sec.	3 min
Labolight LV-II / III	1 min	5 min
Solidilite	1 min	5 min

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11 Troubleshooting / FAQ List
Remove any layers of grease and polishing waste from the frame surfaces.

Fault	Cause	Corrective action
stain peels off	insufficient adhesion bond	surfaces must be roughened and a dispersion layer applied
voids	during insertion between composite layers	do not mix individual layers
surface greasy	inadequate polymerisation	observe the polymerisation times
		check device / service device regularly

12 Storage and handling information
Storage temperature 10-25°C / 50-77°F. Close syringe carefully.

13 Shelf life
The maximum shelf life is printed on the label of each pack. Do not use after the expiry date.

14 Warnings on side effects
With proper preparation and use of this medical device, adverse effects are extremely rare. However, immune reactions (such as allergies) or local discomfort cannot in principle be ruled out completely. All serious incidents which occur in connection with the use of this product are to be reported to the manufacturer indicated below and the competent authority in each case.

15 Instructions for disposal
Leftover quantities and packaging materials are to be disposed of according to the local and/or statutory regulations.

MANI MEDICAL GERMANY GmbH
Hertha-Sponer-Straße 2
61191 Rosbach v. d. Höhe / Germany

CE 0297

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