



Thank you for choosing **MicroNano[®] TRAY**, the fast curing impression tray material.

Is an easy to handle, dimensionally stable material for individual impression trays. To make sure you always achieve reliable results with this product we would like to ask you to read these instructions thoroughly.

- fabrication of individual impression trays
- fabrication of individual base plates for
 - wax rims
 - tooth setup with wax

Short Information:

Mixing ratio Powder/Liquid	20:4.5
Mixing time.	15 s*
Swelling phase approx.	45 s*
Plastic phase approx.	4 min*
Autopolymerization after mixing approx.	7-8 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

MicroNano[®] TRAY is very easy to handle. The cured material is dimensionally stable, easy to finish and does not smear when grinded or polished.

Material / Purpose:

Impression tray material, autopolymer based on methyl-methacrylate in the form of powder and liquid. Classification according to MDD 93/42/EEC annex VII Class I for auxiliary dental means with short-term intraoral use.

Product features:

- easy handling
- very short swelling phase
- non-stick plastic phase
- dimensionally stable
- easy to finish
- does not withdraw from the model

Mixing ratio 20 : 4.5

Suggested mixing ratio: 20 g of powder with 4.5 g of liquid.

Preparation:

After blocking out undercuts, soak the plaster model and apply with two thin layers of alginate based isolation on the surface.

MicroSol Plus always shows reliable results.

Important: The isolation needs to be well dried to make sure there are no white marks or spots on the finished acrylic.

To create more space for impression material, the model can also be insulated / coated with wax.

Mixing:

Place required amount of liquid into the mixing cup, then add the according amount of powder. Stir thoroughly for approximately 15 seconds. After another 30 seconds the material can be modeled byhand.

Caution: When modeling the material by hand it is recommended to use powder-free protective gloves made of butyl rubber.

Processing:

Model the material on the plaster in the desired form. Shape with a suitable instrument and cut off excess. You may use excess to form tray handles. At least 3 minutes are available for the modelling process, then the material starts to cure and hardens. Carefully lift the form of the plaster model. Now you can grind and polish the form to the desired shape. Afterwards the impression tray should be cleaned thoroughly to remove any leftover grinding dust.

According to need it is possible to attach the tray handle later at the back of the form.

Polymerization:

After about 7-8 minutes the material cures automatically at room temperature.

After completion:

Before using the material its sufficient stability should be assured.

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.


MicroNano[®] TRAY is available in the following shades:


white opaque, yellow opaque, blue opaque, pink opaque



micro Nano Tray[®]

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