

## Instruction Sheet

# Acrydent Ki

Art. 500060

Acrydent Ki is a two component product designed for the construction of sets of teeth ( dentures ), individual teeth and finger nails. The process of constructing a set of teeth proceeds in a number of stages.

### **Please refer to the safety instructions when using this product:**

- The first stage requires the making of a mould of the artist's own set of teeth using alginate. Take care that neither air bubbles nor undercuts are able to form.
- The second stage requires the casting of this alginate-negative in plaster.
- The third stage is the sculpturing, in wax, of the required set of teeth on the previously formed plaster positive.
- In fourth stage, an alginate mould is made of the wax sculpture. As soon as the mould has cured, the plaster positive is to be removed from the mould and the wax removed from it.
- The fifth stage consists of the insulating of the plaster positive against the synthetic material, using wax release. This stage is of importance as it will allow the extraction of the formed teeth from the plaster positive.
- The synthetic material "Dent" is now to be used. To do so, pour the monomer-fluid "Dent A" into a bowl and add the acrylic powder "Dent B", stirring continuously until thoroughly mixed. Be careful not to allow air bubbles to build during this process.  
The ratio, *fluid: powder = 7 ml : 8-10 grms*  
This amount is sufficient for a number of dentures.  
The synthetic material is to be poured immediately into the alginate negative before the plaster positive is securely inserted.
- The negative mould, together with the inserted plaster cast is then to be placed immediately in a water bath set at a temperature of 45°, in order to start the hardening process and to let off created heat.
- After 45 mins, the plaster model may be extracted from the alginate mould.
- The formed set of teeth may now be lifted from the plaster model. Use of a drivel tool is possible.
- Now the gums need to be added. For this, the denture is placed back into the plaster positive. Again, using wax, gums are then modelled in between the denture and the plaster positive, thus connecting the teeth.
- A further alginate mould is made.
- After the alginate has cured, the wax is removed from the plaster model and once again wax release is applied. Care must be taken to assure that no wax release is applied to the teeth.
- The synthetic material designed for the gums is now to be used. To do so, pour the monomer-fluid "Gums A" into a further bowl and mix in the acrylic powder "Gums B" using the same ratio of measurements as before with "Dent A" and "Dent B".
- The alginate mould is again placed in a water bath set at a temperature of 45° and left to stand for 45 mins. After this period, the set of teeth may be extracted.

- In order to avoid any sensitive reactions, the set of teeth may be kept in water for a period of two days prior to wearing. After each wearing the teeth should be cleaned carefully using a toothbrush and toothpaste.

### Colouring the teeth

To colour finished teeth, use clear tooth lack: Zahnlack Ki ( Art. 500067 ).  
Tint the lack with food colouring to suit individual requirement.

**Further suggestions to the usage of products is available at any time  
from our professional adviser, Mr. Schmidt-André**