

# TOKUYAMA REBASE II



REF RB02

FOR CHAIRSIDE HARD DENTURE LININGS AND EXTENSION OF DENTURE BORDERS  
FÜR DIREKTE PROTHESENUNTERFÜTTERUNGEN UND ZEM VERLÄNGERN VON PROTHESENRÄNDERN  
POUR GARNITURE DE PROTHÈSE DENTAIRE DURE A COTE D'UN PATIENT ET EXTENSION DES BORDURES DE PROTHÈSE DENTAIRE  
MATERIALE PER RIBASATURA DIRETTA DI PROTESI E PER L'ESTENSIONE DEI BORDI DELLE STESSI  
PARA REVESTIMENTOS DENTARIOS DUROS Y EXTENSIONES DE BORDES DENTARIOS

## ENGLISH

Read all information, precautions, notes and materials before using TOKUYAMA REBASE II.

**Contents**

Kit: TOKUYAMA REBASE II POWDER (80g) .....	x1	Refills: TOKUYAMA REBASE II POWDER (80g) TOKUYAMA REBASE II LIQUID (50mL) .....	x1
ADHESIVE (15mL) .....	x1	ADHESIVE (15mL) .....	x1
Measuring Cup (for TOKUYAMA REBASE II POWDER) .....	x1	TOKUYAMA REBASE II HARDENER II .....	x1
Dropper (for TOKUYAMA REBASE II LIQUID) .....	x1		
Rubber Cup (for mixing TOKUYAMA REBASE II POWDER and LIQUID) .....	x1		
Spatula (for spreading TOKUYAMA REBASE II on the denture) .....	x1		
Plastic Cup (for ADHESIVE) .....	x2		
Brush (for ADHESIVE) .....	x2		
TOKUYAMA RESIN HARDENER II .....	x1		
Spoon (for TOKUYAMA RESIN HARDENER II) .....	x1		

**Storage**

1. Store the material at 0-25°C (32-77°F) at all times.

DO NOT use the material past its expiration date.

2. Replace caps tightly when finished.

3. If LIQUID is not to be used for more than a month, store the LIQUID with the original cap. DO NOT store LIQUID with Dropper.

4. To avoid accidental ingestion or spillage, ALWAYS keep out of the reach of children and patients.

**Disposal**

1. To dispose of materials, mix the POWDER and LIQUID together, and allow it to harden. Be careful of the heat produced by the setting material.

2. Any remaining ADHESIVE should be absorbed in gauze or cotton, and disposed of in accordance with Federal and/or local regulations. Avoid any inhalation of the volatile substance.

**Clinical Precautions**

1. Use TOKUYAMA REBASE II only as instructed in these directions. DO NOT use TOKUYAMA REBASE II for any other application.

2. TOKUYAMA REBASE II is intended for use only by licensed dental care professionals.

3. Do not use this product if the safety seals are broken or if the contents have been tampered with.

4. Do not apply ADHESIVE to the patient's mouth or gums. Application of the ADHESIVE must be performed outside of the patient's mouth.

5. TOKUYAMA REBASE II LIQUID and ADHESIVE are flammable. Do not use near an open flame. Use in a well ventilated area.

6. Always clean the powder measuring cup, rubber cup, brushes, plastic cups and spatula with alcohol after each use.

7. Always determine whether your patient is allergic to, or is hypersensitive to, acryl-based monomers. DO NOT use TOKUYAMA REBASE II on patients with a history of sensitivity to acrylic. Patients should be instructed to remove the prosthesis and immediately contact their dentist at the first sign of sensitivity.

\* Before using TOKUYAMA REBASE II, perform tissue conditioning for one week if there are signs of inflammation of the mucus membrane, or tissue irritation from the old denture.

\* Discourage wearing the newly relined denture if there are any signs of hypersensitivity, restlessness, and ulcerations.

\* If ADHESIVE comes in contact with the examining gloves, immediately dispose of the examination gloves and wash hands thoroughly with water.

\* After removal of the material from the patient's mouth, immediately have the patient rinse with water or mouthwash.

9. AVOID CONTACT WITH EYES. In case of contact with eyes, thoroughly flush eyes with water, and immediately contact a physician for assistance.

10. Avoid contact of uncured chemicals with skin. In case of contact with skin, clean affected area with rubbing alcohol, then thoroughly flush with water.

11. Immediately remove any excess lining material from the palatal area to avoid flow of material down the patient's throat. TOKUYAMA REBASE II is not radiopaque, and X-rays will not detect aspirated or ingested material.

12. Do not mix TOKUYAMA REBASE II with any materials not noted in these instructions.

13. To avoid breathing in the cured dust when polishing, always wear a mask recommended by Federal and/or local regulations.

**Clinical Application**

1. If the denture is a partial denture or has an undercut, residual root, etc, remove the denture from the mouth, trim it extraorally prior to final curing, and re-insert it for final curing. Otherwise, it will be difficult to remove the denture from the mouth.

\* FAST POWDER should only be used with FAST LIQUID, and NORMAL POWDER should only be used with NORMAL LIQUID.

Do not mix FAST POWDER with NORMAL LIQUID, or vice versa.

Measuring Cup for FAST POWDER is different from NORMAL SET.

Use corresponding Measuring Cup for each type.

2. Standard treatment time is based on temperatures of 23°C/73°F (Extraoral) and 37°C/98°F (Intraoral).

Treatment time is shortened by a rise in temperature caused by higher body temperature or elevated room temperature.

3. To minimize the formation of bubbles, mix TOKUYAMA REBASE II POWDER into the TOKUYAMA REBASE II LIQUID (White cap and White label).

4. Apply ADHESIVE (Blue cap and Blue label) only to denture surface. Do not mix ADHESIVE with TOKUYAMA REBASE II POWDER.

**Patient Precautions**

Patients should be instructed to remove dentures at bedtime for cleaning.

**Directions For Use**

**STANDARD POWDER-TO-LIQUID MIXING RATIO**

**STANDARD TREATMENT TIME**

**One Graduation Powder : Two Graduations Liquid**

One Graduation Powder

Two Graduations Liquid

Note: FAST and NORMAL come with different powder measuring cups. Be sure to use each powder with its appropriate cup.

Start mixing

Intra-oral Insertion

Withdrawal

(min)

FAST

Application Mixing

Removal of excess resin

Muscle treatment

Trimming

Intra-oral sustenance

Immersion in TOKUYAMA REBASE II solution

Modification Polishing

Extra-oral

Intra-oral

Intra-Oral-Extra-oral

Note: Treatment time varies according to room temperature and powder-liquid ratio.

\*If trimming is done extraorally, always insert the denture back into the mouth just before final curing starts.

\*Always keep the denture in the patient's mouth until final hardening is completed.

\*Standard setting time is given at 23°C/73°F (extraoral) and 37°C/98°F (intraoral).

(1) Checking the adaptation

(2) Removal of the denture surface

Carefully remove the old resin and expose the new resin of the dentures surface, especially the surface of the mucosal side, the marginal, buccal and labial areas where it is necessary to be refined with TOKUYAMA REBASE II.

Note:

1) Areas where the TOKUYAMA REBASE II should not contact, such as artificial teeth, the denture base or the interdental area, should first receive a coat of a separating agent.

2) As the refining surface of denture becomes larger, the resin paste shows a higher resistance in its flow. In this case, remove a large amount of the old resin or make a hole to let the resin flow out.

(3) Application of ADHESIVE

Apply ADHESIVE in a single layer with the brush to all areas of the denture to be relined. Leave the ADHESIVE for 20 seconds at room temperature. If the ADHESIVE liquid is still observed on alveolar crest area of the denture, air blow to dry it completely.

Note:

1) Apply ADHESIVE to the buccal and labial side of the denture to be relined.

2) Apply ADHESIVE twice to the marginal area so that the relining material will not come off the denture.

3) ADHESIVE will remain effective for ten minutes after application.

4) Because ADHESIVE is extremely volatile, be sure to screw the cap tightly, immediately after use.

(4) Measuring and mixing

Use approximately one graduation of the TOKUYAMA REBASE II POWDER in the measuring cup for every two gradations of the TOKUYAMA REBASE II LIQUID in the dropper.

Note:

1) FAST and NORMAL come with different powder measuring cups. Be sure to use each powder with its appropriate cup.

2) The dropper for liquid can be used for either the FAST or NORMAL.

After measuring, place the powder into liquid (using the supplied rubber cup) and mix gently with the spatula for about 5-10 seconds. Mix gently to minimize bubbles.

Note:

1) Put the liquid in the cup first and then the powder to minimize the formation of bubbles.

2) Mixing too vigorously or for too long of a period will facilitate bubble formation, producing an uneven consistency. This in turn will create a rough surface and result in incomplete curing.

3) If necessary or so desired, the viscosity of the resin can be increased by increasing the quantity of the powder used.

(5) Application of the resin

With the spatula, apply the resin to the surface of the denture that will come in contact with the oral mucosa.

Note:

1) Apply resin within 20 to 60 seconds (at normal temperatures) after mixing for FAST (for NORMAL, within 30 to 90 seconds).

2) After the resin paste to all surfaces being relined, especially to the marginal, buccal and labial areas in the denture.

3) Be careful not to apply too much resin to the surface. Applying too much resin to the surface will result in the resin flowing down the patient's throat upon insertion of the denture.

4) Viscosity and hardening are temperature dependent. The warmer the room temperature, the faster the set. The colder the room temperature, the slower the set.

If too much time is taken to mix the powder and liquid, the available working time will be shortened.

(6) Insertion of the denture

Insert the denture properly into the patient's mouth and have them bite down correctly at the centric position.

Note:

1) Insert denture within 60 to 90 seconds after the mixing begins for FAST (for NORMAL, within 90 to 120 seconds).

2) Be extremely careful to avoid occlusal malposition.

3) Make sure there is no extra resin flowing down the patient's throat.

4) In case excess resin flows into the patient's throat, remove it with a fingertip or an appropriate instrument.

(7) Muscle Treatment and trimming

After following the above steps, and when the resin begins to harden, perform the necessary treatment of the muscles in the mouth. When the resin becomes harder than

paste, remove the denture from the patient's mouth, and trim if necessary.

Note:

1) Timing  
Be sure to complete all of the muscle treatment and trimming within 3 minutes from the time mixing started for FAST (within 5 1/2 minutes for NORMAL).

2) In case of a Full Denture  
There is no need to remove the denture from the mouth, unless there are undercuts. Remove the excess portion of the resin intraorally, and keep the denture in the patient's mouth until final hardening is complete.

3) In case of Undercut & Partial Denture  
In the situation where patient has an undercut, partial denture, residual root or other problems, remove the denture from the mouth and trim it extraorally prior to final curing. Otherwise it will be difficult to remove the denture from the mouth.

(8) Re-insertion and oral maintenance of the denture (final curing)  
Re-insert the denture and keep it in the patient's mouth until final hardening is complete.

Note:  
1) Keep the denture fixed in the patient's mouth for 3 to 5 1/2 minutes after mixing has commenced for FAST. For NORMAL keep the denture fixed in the patient's mouth for 5 1/2 to 8 minutes. The resin will cure at this time. Do not remove the denture from the mouth during the period, since the presence of oxygen prevents the resin from fully curing.

2) Incomplete cure as a result of removing the denture too early will create undesired problems such as an inadequate surface hardness or a poor adaptation.

Using TOKUYAMA RESIN HARDENER II  
1. For additional hardness of cured denture reline, TOKUYAMA RESIN HARDENER II maybe used.

2. TOKUYAMA RESIN HARDENER II improves the surface hardness and final polish of the denture base.

3. Prepare 40-60°C (104-140°F) water in a container.

4. Pour enough water to completely immerse the denture.

5. Dissolve 1 scoop of TOKUYAMA RESIN HARDENER II per 200mL of water.

6. Once the material is completely dissolved, immerse the denture for 3 minutes.

7. Remove the denture, rinse, and polish.

(9) Modifying and polishing  
After final hard

