

**Rebase Harmony**  
**Denture Base Relining Material**

**Caution:**

This product can not be used in patients with a history of hypersensitivity, such as rash, dermatitis for organic solvents or methacrylate-based monomer.

**Form / Structure and Principles, etc.**

This material comprises the following items.

Form	Composition
Powder	Polyethyl methacrylate, coloring agents, and others.
Liquid	Methyl methacrylate, and others
Adhesive	Dicloromethane
Accessories	Powder measuring cup, dropper, rubber cup, spatula, brush

**Intended Use, Indications and Efficacy:**

Relining of denture base when the occlusion is incorrect and mastication is difficult. Improvement of masticatory function.

**Item Specifications, etc.**

1. Appearance : Appearance of the cured product that is homogeneous, no foreign matter can be seen.
2. Fluidity (flowing property) : 40~60mm
3. Curing time : Normal 8~15min. Fast 6~8min.
4. Peak temperature : below 60°C
5. Hardness of the surface : more than 10
6. Water sorption : less than 2%
7. Dissolution : less than 0.2%

**Methods or Use, etc.**

1. Check the state of adaptation of the denture: Clean the denture and the oral cavity and examine the state of adjustment of the denture according to the usual methods.
2. Remove a layer of the mucosal surface and of the edges of the denture.  
A new resin surface is created on the mucosal surface and on the edge of the denture.
3. Apply a thin layer of Primer on the clean mucosal surface and edges of the denture with the brush and leave the denture (wait) for 10 minutes. Effective time for primer is 10 minutes.
4. Measuring the product by using the dropper and powder measuring cup. The proportion is: one powder measuring cup calibrated to 1 (normal type: 1,6g, fast type 1,8g) to one dropper calibrated to 1 (approx. 1g).
5. Mixing the resin: In the rubber cup pour the liquid and add the powder. Mix slowly with the spatula for 10-20 seconds, avoiding the formation of air bubbles inside the mixed product.
6. Application of the resin: After 30 seconds from the beginning of mixing, apply the resin on the mucosal surface of the denture. (The level of viscosity changes with temperature. At elevated temperatures it's faster, at low temperatures it's slower.)
7. Insertion in the oral cavity: Insert the denture with the resin applied on the denture base and maintain it in a stable position on the prosthetic field, in central occlusion.
8. Shape: When the flowability of the resin diminished, prepare the shape.
9. Adjustment: Before complete hardening of the resin, remove the denture from the prosthetic field and remove the surplus of resin.
10. Maintaining in the oral cavity: Introduce again in the oral cavity and maintain it until the resin is completely hardened. If the time of contact with the prosthetic field is short, the polymerization may be incomplete and the hardening of the resin surface may be insufficient and the polishing may become difficult.
11. Trimming: after the complete polymerization, hardening of the resin and polishing of the surface.  
The trimming is performed in easier manner when for hardening of the resin, the Hardener is used.  
After the final adaptation, mix a spoon (in the set) of Hardener with approx. 180cc of warm water (at 50° C); Keep the rebased denture in the warm water for 5 minutes. Now the hardening of the surface is complete.
12. Fitting: Check the fitting of the newly rebased denture on the prosthetic field. If the fitting is not perfect, please use again Rebase Harmony.
13. The fitting of the denture is complete.

**Cautions:**

§ This product cannot be used in patients with a history of hypersensitivity, such as rash, dermatitis for organic solvents or methacrylate-based monomer.

§ In patients with a hypersensitivity reaction, such as irritation or rash after the use of this material, cease the use immediately and call a medical doctor.

§ Do not use in an operator with a history of hypersensitivity, such as rash or dermatitis.

§ Do not touch by hand the liquid or the mixture powder and liquid. Avoid the contact with skin, or accidental contact with the

eyes. Wear goggles and gloves.

§ In case of skin contact, wipe with a cotton with alcohol and wash with large amounts of running water. If it gets into eyes, rinse with large amounts of running water, and consult immediately an ophthalmologist.

§ Only for qualified dental use.

- \*Do not use in the vicinity of the fire or put close to the fire.
- \*Use with adequate ventilation, ventilate several times per hour.
- \*Do not mix with other resin powder and liquid.

**【 Storage Methods 】**

- \*Store in a cool and dark place, away from heat and flame.
- \*Do not store a large amount in the same location.
- \*Keep always the lid closed.

**【 use-by Date 】**

- \*3years from the date of quality check.
  - \*Described in the following manner on the packaging. Expiration date has been described our data.
- Example : 2015-02 shows February, 2015.

**【 Single Item Packaging 】**

powder : powder 80g  
liquid : liquid 50g

**【 Manufacturer 】**

Company : MUTSUMI CHEMICAL INDUSTRIES CO., LTD.  
Address : 8-9 Banko-cho, Yokkaichi, Mie 510-0804, Japan

**【 Authorized Representative in the European Community 】**

Company : S.C. MUTSUMI DENTAL S.R.L.  
Address : Str. Toma Stelian, nr.53, Roman, jud, Neamt, 611130, Romania

**TABLE OF USE**

TYPE	Powder/ Liquid Standard Ratio	Extraoral		Intraoral		Extraoral	Intraoral	Extraoral
		Mixing time	Application on denture base	Application/ myoplasty	Adjustment	Hardening	Prelucrare/ lustruire	
Fast	1.8/1	30 sec	1-2 min.	2.5- 3 min.	4-4.5 min.	6-7 min.		
Normal	1.6/1	30 sec	2-2.5 min.	4-4.5 min	6-6.5 min.	8-9 min.		

Testing Equipment: Bohlin Rheometer  
Frequency: 1 Hz with parallel plate  
Testing temperature: 37°C  
Powder /Liquid Ratio: -Normal Type 1.6/1 – Fast Type: 1.8/1  
Measured 1 min after mixing.

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