

ALLOY PRIMER

ENGLISH INSTRUCTIONS FOR USE

I. Introduction

Please read the Instructions for use carefully before using the product. Keep the Instructions for use in a convenient place for quick reference. If the Instructions for use are lost, contact the distributor. This product should only be used by dentists or dental technicians. This product should only be used according to the indications, operating procedure and precautions described in the Instructions for use.

II. Precautions

Safety precautions

This product contains methacrylate monomer and acetone. Observe the following precautions when using it.

Allergic hypersensitivity

1. The product should not be used for patients with a history of hypersensitivity to methacrylate-related monomers and acetone.
2. Wear gloves or take other appropriate measures to prevent the occurrence of hypersensitivity due to contact with the product.
3. If any hypersensitivity, such as a rash or dermatitis occurs, discontinue the use of the product and consult a physician.

Inhalation

If a patient or operator feels sick from inhaling the acetone contained in the product, let the patient or operator rest and breathe fresh air.

Contact with the human body

1. Use caution to prevent the product from coming in contact with soft tissue or the skin, or getting into the eye.
2. If the product comes in contact with the human body, take the following measures:
If the product gets in the eye, wash the eye with copious amounts of running water and consult a physician.
If the product comes in contact with the soft tissue or the skin, wipe it away with a cotton pledget or gauze moistened with alcohol and wash with copious amounts of water.
3. Use caution to prevent the patient from drinking accidentally.

Others



Note that ALLOY PRIMER is flammable. Do not use or store it near open flames.

Precautions for applying

1. If the metal adherent surface is contaminated with saliva before or after the application of the primer, clean the surface with a cotton pledget moistened with ethanol and apply the primer again.
2. In cementing precious metal cores with PANAVIA, use ED PRIMER after applying ALLOY PRIMER.
3. If the metal frame cannot be properly released from the working model after the preparation of a wax denture, investment or soldering, it is advisable to sandblast the frame before the preparation of the wax denture.

Precautions for storing



1. Do not use after expiration date. Note expiration date on outside of package or container.



2. The product should be stored at room temperature (2 - 25°C/ 36-77°F). Avoid exposure to direct sunlight.



3. The product is volatile. The cap should be replaced as soon as possible after use. If the container is left uncapped, the volatile acetone will evaporate.

III. Indications

ALLOY PRIMER is used to enhance the adhesion between dental metals and the resin-based materials shown below.

Indication for use in individual patients must be determined by the dentist.

Indication	Resin to be used with
A. Adhesion of metal inlays, onlays, crowns and bridges Adhesion of metal cast posts	Dental adhesive resin cement (PANAVIA)
B. Repair of fractured resin-based facing crowns and porcelain-fused metal crowns and bridges	Dental bonding agents and restorative composite resin (Dental bonding agents: CLEARFIL PORCELAIN BOND, CLEARFIL PORCELAIN BOND ACTIVATOR + CLEARFIL PHOTO BOND, CLEARFIL LINER BOND 2V, CLEARFIL SE BOND) (Restorative composite resin: CLEARFIL AP-X)
C. Fabrication of removable dentures with metal base, clasp or attachment	Denture base acrylic resins (heat-cured acrylic resin, self-cured acrylic resin)
D. Repair of dentures	Denture base acrylic resins (self-cured acrylic resin)

IV. Contraindications

Patients allergic to methacrylate-related monomers and acetone

V. Product

ALLOY PRIMER (5 ml) ----- 1 bottle

VI. Operating procedures

A. Adhesion of metal inlays, onlays, crowns and bridges/adhesion of metal splints/adhesion of metal cast posts

2. Treating metal core (when the metal core is built up with precious metal alloy)

- 1) Roughen the metal core with a diamond point. Then, wash the surface with water and dry.
 - 2) Apply ALLOY PRIMER to the metal core with a sponge and leave it for drying.
 - 3) Apply PANAVIA ED PRIMER to the metal abutment and tooth structure.
[Caution]
Metal cores built up with precious metal alloy should be coated with ED PRIMER after the application of ALLOY PRIMER.
If the metal core is contaminated with saliva before or after the application of ALLOY PRIMER, it should be cleaned with a cotton pledget moistened with ethanol and coated with the primer again.
3. Cementing (For detailed procedures, see the Instructions for Use of PANAVIA.)
- 1) Cement with PANAVIA paste.

B. Repair of fractured resin-based facing crowns and porcelain-fused bonded bridges and crowns When repairing with CLEARFIL PORCELAIN BOND and CLEARFIL AP-X

1. Treating a fractured porcelain surface
Remove a layer of porcelain with a diamond point and make a bevel at the marginal area.
- 2) Treat the surface with K-ETCHANT GEL (phosphoric acid gel) for the specified time, wash with water and dry.
2. Treating exposed metal
1) Roughen with a diamond point. Then, wash with water and dry
2) Apply ALLOY PRIMER to the metal adherent surface with a sponge and leave it for drying.
[Caution]
If the metal adherent surface is contaminated with saliva before or after the application of the primer, clean the surface with a cotton pledget moistened with ethanol and apply the primer again.
3. Applying bonding agents (For detailed instructions, see the Instructions for Use of CLEARFIL PORCELAIN BOND.)
1) Apply CLEARFIL PORCELAIN BOND to the porcelain and metal surfaces.
4. Filling composite resin (For detailed instructions, see the Instructions for Use of CLEARFIL AP-X)
1) To mask out metal color, apply opaque resin to the metal surface. Then, light cure the resin with a visible light curing unit for the specified time.
2) Apply CLEARFIL AP-X composite resin paste and light cure it for the specified time.

C. Fabrication of removable dentures with a metal base, clasp or attachment When using denture base acrylic resins (heat-cured acrylic resin, self-cured acrylic resin)

1. Treating the metal frame
2) Sandblast the metal frame. Then, wash the surface with water and dry.
2. Applying ALLOY PRIMER
1) Apply ALLOY PRIMER to the metal adherent surface with a sponge and leave it for drying.
3. Curing the denture base acrylic resins (For detailed instructions, see the Instructions for Use of the denture base acrylic resin.)
1) Fabricate the denture base resin and cure it.

D. Repair of dentures

When using self-cured acrylic resin

1. Treating the metal adherent surface
1) Grind the metal adherent surface with a carborundum point to expose a fresh surface. Sandblast the surface, wash and dry.
2. Applying ALLOY PRIMER
1) Apply ALLOY PRIMER to the metal adherent surface with a sponge and leave it for drying.
3. Applying self-cured acrylic resin (For detailed instructions, see the Instructions for Use of the self-cured acrylic resin.)
1) Apply the self-cured acrylic resin on the metal adherent surface.

Product information

Principal ingredient

Acetone
10-Methacryloyloxydecyl dihydrogen phosphate (MDP)
6-(4-Vinylbenzyl-n-propyl)amino-1,3,5-triazine-2,4-dithione(VBATDT)

Caution

Federal (U.S.A.) law restricts this device to sale by or on the order of a licensed dentist.

Warranty

KURARAY CO., LTD. will replace any product that is proved to be defective. KURARAY CO., LTD. does not accept liability for any loss or damage, direct, consequential or special, arising out of the application or use of or the inability to use these products. Before using, the user shall determine the suitability of the products for the intended use and the user assumes all risk and liability whatsoever in connection therewith.

Note

PANAVIA and CLEARFIL are trademarks of KURARAY CO., LTD.

Manufactured by:

KURARAY CO., LTD.