

**Instructions for use****GLOSSY COAT COLOR****【Intended Use】**

- For color adjustment of crown restorations in oral cavity or on working models.
- For smoothing or hardening the surface of dental restorations.

**【Directions for Use】**1. Characterization and lubrication of resin surfaces

## (1) Roughening and washing of resin surface

After modifying the morphology of the resin surface, prepare the surface to be coated with a diamond bar, carborundum point. Or sandblast with alumina particles to roughen the surface. The surface to be coated is thoroughly rinsed and dried.

## (2) Coating, characterization

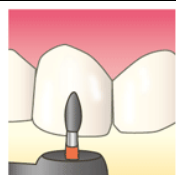
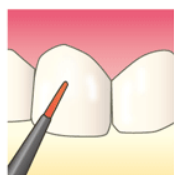
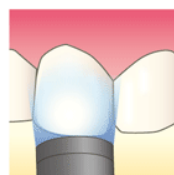
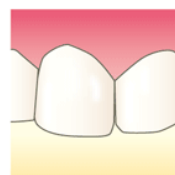
After shaking well, drop an appropriate amount of this product onto a dish, apply a thin layer of this product to the resin surface, and allow it to photopolymerize. If necessary, dilute with a clear solution of this product.

## (3) Photopolymerization

Curing is performed by irradiating light for a specified time using a dental laboratory light source irradiator. The effective wavelength is  $400 \pm 20$  nm, and the curing time is 3 minutes with a labside LED light source curing irradiation device, or 20 seconds with a chairside LED light source curing device.

\*This is only a guide. Depending on the effective wavelength of the polymerization irradiator used and the condition of the light source, it may not cure sufficiently, so please use under conditions that ensure a reliable cure in actual use.

## (4) Complete

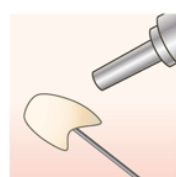
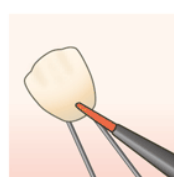
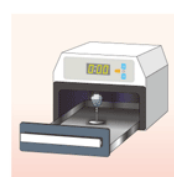
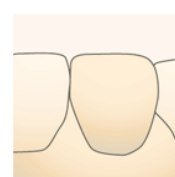
Chairside (in oral cavity)**1****2****3****4**

Roughening of resin surface, then wash

Coating, characterization

Photopolymerization (20sec)

Complete

Labside (on a working model)**1****2****3****4**

Roughening of resin surface, then wash

Coating, characterization

Photopolymerization (3min)

Complete

2. Characterization of resin interior

## (1) Building up dentin

Build up the dentin area with hard resin for crowns.

## (2) Characterization

Shake this product well, drop an appropriate amount onto a dish, apply a thin layer onto the resin surface, and temporarily polymerize.

## (3) Enameling

Use hard resin for crowns to build up enamel.

**【Precautions for use】**

1. In order to prevent insufficient polymerization, the polymerization surface must always face the direction of the light irradiation and be light irradiated. In cases where it is difficult for the light to illuminate the entire polymerization surface, light irradiation should be performed for a specified period of time, and then the polymerization surface should be turned around and irradiated again. If stickiness remains on the surface due to light irradiation conditions, the irradiation time should be extended until the stickiness on the surface disappears.
2. Always roughen the resin surface with a diamond bar, paper cone, or coarse silicon point, before applying the product, otherwise adhesion between the product and the resin will be insufficient, resulting in peeling off.
3. Do not use this product in areas where occlusal pressure is directly applied, as this product may wear out in a short period of time.
4. The surface to be coated with this product should be checked and cleaned beforehand to ensure that no resin cutting dust or wax is adhering to the surface.
5. When applying to a resin surface, remove the unpolymerized layer of the resin surface to be coated before applying and polymerizing the product in order to prevent polymerization inhibition on the surface of the product.
6. Do not use on polyamide resins (coating film may peel off).
7. The brown color of this product should be shaken at least 10 times before use.
8. When this product is used in a fissure, care should be taken because if the product becomes too thick due to liquid accumulation, its hardening property will be reduced.
9. When drying the surface before application using an air syringe, make sure that no oil mist or other adhesion inhibiting substances are sprayed before use.
10. Do not blow air after application of this product and before light irradiation.

11. Since this product contains volatile components, take the liquid into a dish immediately before application. Tighten the cap securely immediately after dispensing the liquid.
12. Liquid that has been put out should not be put back into the container, as it may have cured.
13. Prevent contact with the oral mucosa/lips by using a rubber dam or similar device, as inflammation may occur if this product adheres to the gingiva, lips, or other mucous membrane surfaces before curing. If the product adheres to the oral mucosa or lips, wipe it off immediately with a cotton ball and rinse with a large amount of running water after the operation.
14. Since this product contains volatile components, patients should be instructed to breathe through their nose during application.
15. If the coating surface is large, be sure to irradiate the entire coating surface with light.
16. If additional build-up of resin or other materials is to be performed on a restoration coated with this product, the coated film should be removed before the build-up is performed.
17. Since surface hardening depends on the irradiation capacity of the light irradiator, care should be taken to avoid lamp deterioration, contamination by dust, and service life.
18. Eugenol-based products should not be used in combination with this product as they may interfere with the curing performance of this product.
19. When using a handy type irradiator, the irradiation port should be as close to the application surface as possible.
20. Use a brush with well-tipped bristles for application of the product, since a brush with open or rough bristles may cause air bubbles to be mixed in.
21. Brushes used for applying this product should be dedicated for this purpose, and should not be shared with brushes used for other purposes.
22. Brushes used for applying this product should be cleaned with ethyl alcohol, resin monomer solution, resin brush cleaner.
23. Irradiators with only blue LED as light source shall not be used.
24. When using a halogen lamp as a light source, the light irradiation should be performed for an appropriate period of time because it takes longer time for polymerization than when using a metal halide or LED as a light source.
25. Use under proper polymerization conditions to ensure polymerization of this product.
26. Refer to the attached document for the use of hard resin for crowns, etc.
27. Do not mix this product with other products.
28. When this product is used in the oral cavity, the adherend surface after cleaning and the surface after application should be kept free from contamination by blood, saliva or hemostatic agents before photopolymerization. In case of contamination, the treatment should be performed from cleaning and drying the adherend surface again.

#### 【Caution】

1. Patients with a history of hypersensitivity to drugs, foods, accessories, or chemicals should be interviewed by a physician and carefully applied, even if they have no history of hypersensitivity to this product or similar products.
2. When using this product, use it in a place with adequate ventilation (several times per hour).
3. To prevent hypersensitivity symptoms due to contact with this product, appropriate protective measures such as wearing gloves should be taken when using this product. In particular, avoid contact with uncured product.
4. Be careful not to get this product on skin or into eyes. If the product gets on skin, immediately wipe it off with alcohol and rinse immediately with a large amount of water. If it gets into eyes, rinse with plenty of water and have an ophthalmologist examine the eyes.
5. Be careful not to accidentally ingest this product.
6. In using this product, the dentist should determine whether the product is indicated for the patient's case.
7. When irradiating light, use protective goggles and do not look directly at the irradiated light.
8. Surface lubricity is not permanent, so it should be used as a temporary surface lubrication treatment.
9. Since this product contains volatile components, the container should be tightly closed immediately after use.
10. If liquid adheres to the nozzle, wipe it off before attaching the cap.
11. Light polymerizers and visible light irradiators should be maintained by cleaning and replacing lamps on a regular basis.
12. Do not use this product near fire or place it near fire. Also, do not place the product in a place where it will be exposed to high temperatures or direct sunlight.
13. To avoid infection between patients, brushes used in the oral cavity should be thoroughly disinfected after use.
14. Do not use if container is damaged or immersed.

#### 【Note】

1. Patients who experience hypersensitivity symptoms such as rash, eczema, redness, ulceration, swelling, itching, or numbness upon using this product should discontinue use and consult a doctor.
2. Laboratory technician with a history of hypersensitivity such as rash or dermatitis to this product or methacrylic acid monomer should not use this product.
3. Laboratory technician who experience hypersensitivity symptoms such as rash, eczema, redness, ulceration, swelling, itching, or numbness due to the use of this product should discontinue use and consult a doctor.

#### 【Storage】

- Store at room temperature and away from high temperatures and direct sunlight.
- Do not store the products in large quantities.
- Place a fire extinguisher both in workshop and in storage area.
- Keep out of reach of non authorized personnel. Keep under constant supervision.

#### 【Disposal information】

Remaining stocks must be disposed of according to the corresponding national legal requirements.

#### 【Potential Hazard】

This product may cause allergic reactions such as rashes and dermatitis.

#### 【Manufactured by:】



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