RODIN® 3D Resin

A **Pac-Dent** Brand

PALETTE 2.0

Quick Guide



Instructions For Use

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Description

Palette 2.0, with Glaze N_2-Free is a light-curing methacrylate based stain/glaze system for extraoral surface characterization of prefabricated teeth, partial and full denture bases, fixed dental restorations (such as crowns, bridges, inlays, onlays, veneers) made of hybrid ceramic, resin veneering materials, and CAD/CAM composites.

Indications for Use

Indicated for use with indirect and direct composite restorations and provisionals comprised of ceramic resin hybrid based systems.

Prescription Use

Caution: Federal law restricts this device to sale by or on the order of a dentist or any other practitioner licensed by the law of the state in which he/she practices to use or order the use of the device.

Instructions for Use:

1. Avoid vigorous mixing of the glaze before application of the product. Introducing bubbles to the resin distorts the high-shine glaze appearance.
2. Remove all remaining support tips and make any necessary contouring and occlusal adjustments to the printed restoration or prosthesis while in the uncured (green) state.
3. Using a steam gun, remove residual debris ensuring the restoration is free of dirt and bur markings.
4. Dry the restoration or provisional thoroughly with compressed air prior to applying *Palette 2.0 with Glaze N_2-Free*, glaze or colors.

Application:

5. Apply a thin coat of *Glaze N_2-Free* with a fine tip (size 4) paintbrush, avoiding internal abutment cavities.
6. Remove excess glaze, particularly from embrasures and occlusal areas, to prevent high occlusion and loss of tooth function.
7. Apply light-curable stains if desired and tack cure for 30 seconds according to the manufacturer's instructions.
8. Apply a thin final coat of glaze and cure using the recommended light-curing devices and settings below.
9. Check contacts, occlusion, and fit after post curing. Remove excess glaze from the inside of restoration if necessary, with glass beads or aluminum oxide (50µm particles) at PSI no greater than 15 lbs. of pressure. If glaze needs to be reapplied, repeat steps 4–6.

Chairside Adjustments & Cementation

If making chairside adjustments, treat the restoration like a composite and use carbide burs to remove material and buff with acrylic polishing compounds to regain luster to adjusted areas.

Recommended Light-Curing Devices

- *NK-Optik Otoflash:* 5,000 flashes without nitrogen
- *Ackuretta Curie+ Plus:* 5 minutes, power level 9, duty cycle 20%, BL On
- *Formlabs Form Cure:* 5 minutes, 40°C
- *Phrozen Wash and Cure:* 5 minutes
- *LuxCreo iLuxCure Dental:* P1-615, P2-20, P3-3
- *Nexa3D xCure:* 405nm, 3 minutes, PWM 20%
- *Shining 3D:* 4 minutes, 40 °C
- *Phrozen Wash and Cure:* 7 minutes
- *Handheld Curing Device:* 40 seconds, repeat if needed.

End user should refer to the original equipment manufacturer (OEM) labeling for printing machine and post-curing unit set-up and on-site validation. End user should refer to the OEM labeling for maintenance/use-life guidelines for printing machine, post-curing unit, and associated tools.

Contraindications

Avoid use of this product in patients with known allergies to acrylate/methacrylate monomers or acrylate/methacrylate polymers.

Precaution for Handling

Recommended personal protective equipment include the use of nitrile or neoprene gloves, safety goggles, mask, lab coat, and closed toed shoes. All of these should be worn when handling methyl methacrylate resins.

Hazards Warnings

Contains esterification products of methacrylate polymer resin, photo initiator, filler, inhibitor and pigments. Call a poison center if ingested. May cause an allergic skin reaction if direct contact occurs. If skin irritation or rash occurs, consult a physician. Causes eye irritation if direct contact occurs. Rinse with water immediately for 15 minutes. If eye irritation persists, get medical attention. Dispose of contents/container as per local, state, and national regulations.


Keep Out of Direct Sunlight






Consult Instructions for Use


Harmful If Swallowed


Health Hazard

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