Temporary cavity sealing resin

polyseal

DENTAL SELF CURING RESIN FOR CAVITY SEALING, TEMPORARY CROWN & BRIDGE

Seals up cavity excellently and comes out easily.

[Contents] Powder 50g  Liquid 50mL

● Curing is fast and finishes quickly.  ● Color matches well with tooth.

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Carrying onto a cavity with a brush
Remove Poly Seal from a cavity
Poly Seal

INSTRUCTIONS FOR USE

I. INTRODUCTION
Poly Seal is a resin for dental polymer sealing material.

II. INDICATIONS
It is used for sealing of teeth cavity temporarily under treatment.

III. CONTRAINDICATION
It should not be used with those patients who had allergic reactions including rash, skin inflammation to methyl methacrylate polymer, methyl methacrylate monomer or organic solvents in the past.

IV. POSSIBLE SIDE EFFECT
While it is used, allergic reactions including redness, sore, blister, swelling may occur.

V. PRECAUTIONS
1. Safety precautions
   1. If allergic reactions including rash, eczema, redness, tumor, swelling, itch, erosion, numbness occur to a patient due to using the material, stop using it immediately and let the patient call a doctor, or call a doctor in case of a dentist or a medical staff suffered.
   2. When using the material, take care sufficiently so as not to contact with eyes, skin, or clothing by wearing medical gloves and safety glasses. Although medical gloves (for dentistry) prevent it from contacting with hands directly, as it is known, organic solvents or monomers penetrate them in a short time. So, if the liquid, the powder, the mixture, or the bonding material sticks to gloves, throw them away immediately, and rinse hands thoroughly with running water with soap.
   3. Take sufficient precautions so that the material will not contact with patient’s eyes, skin, or clothing. In addition, try not to let it stick to any other parts of mucous in the mouth as much as possible than the part that it should be applied.
   4. If it contacts with patient’s eyes, rinse them with plenty of running water immediately, and let him call an eye doctor, or call an eye doctor in case of a dentist or a medical staff suffered.
   5. If excess resin flows into the respiratory tract or the esophagus, let a patient call a medical specialist and have a treatment.
   6. After having finished treatment in the mouth, immediately clean the mouth sufficiently (let a patient rinse the mouth thoroughly). And if the material sticks to the skin, rinse with plenty of running water with soap. If it sticks to clothing, immediately wipe it off with alcohol (with cotton ball) thoroughly.

2. Handling and manipulation precautions
   1. When a mucous membrane becomes inflamed or there is a big difference in the distribution of bite pressure against the mucous beneath the denture base, the mucous membrane needs treatment before hand.
   2. As the liquid is inflammable, it should not be used or placed near the fire. And if it is split on the table or the floor, wipe it immediately with dry cloth.
   3. It should be used in the place where the ventilation is appropriate (several ventilation per hour).
   4. When polymerized denture is ground or polished, use a local ventilation or dust mask approved by public organizations not to inhale fine particles.
   5. In order to prevent infection, syringes and spatulas should be cleaned, and sterilized with alcohol after use.
   6. It should not be used together with other products.
   7. It should not be used in any ways other than resin for denture base repair.
   8. It should not be used by any person other than qualified dentists.

3. Storage precautions
   1. The material should be stored to avoid fire, high temperature, high humidity and direct sunlight, at 0°C to 23°C.
   2. The ingredient of liquid material may separate into two layers at very low temperature (0°C = 32°F or less). In such a case, please stir strongly after warming to room temperature. By using only supernatant fluid, it does not function properly.
   3. It should not be stored in a large quantity in the same storage. A fire extinguisher should be installed in the place where it is used and the storage.
   4. As for both the powder and the liquid, lids of the containers should be tightened firmly.
   5. While it is not used for a long period of time, or stored laying them on their side, store it with both a lid and an inner stopper tightened. (Do not throw away the inner stopper and keep it for storage.)
   6. The material should be properly stored and controlled, and not be touched by any person other than people engage in dentistry

VI. COMPONENTS
1. Powder 50g
   Poly(ethyl methacrylate), coloring agent, and others
2. Liquid 50mL
   Methyl methacrylate, BPGA, and others

3. Accessories
   Dropper
   Steeple-crowned cap

VI. CLINICAL PROCEDURES
A. Mixing method
   1. Dry a teeth surface completely.
   2. Put proper quantity of powder in a rubber cup, add proper quantity of liquid using a dropper, then mix thoroughly. The standard ratio is 2g of powder to 1mL of liquid.
   3. Fill a cavity with the mixture. As the handling time is 1 to 2 minutes, do it immediately.
   4. After stopping, ask the patient for occlusion and remove any excess material using a carborundum point.
   5. When removing Poly Seal, insert a heated plugger into the cavity then move it front to back and side to side.

B. Brush spreading method
   1. Fill a cavity with the mixture, according to the usual method.
   2. Follow the procedure as what mentioned above in the “Mixing method”

[CAUTION]
1. When the material is taken out from the container, use it immediately, and the container of the liquid should be tightened its lid firmly after use.
2. When a cavity is deep, capping or lining needed with cement.

WARRANTY
KAMEMIZU CHEMICAL IND.CO., LTD. will replace any product that is proved to be defective. KAMEMIZU CHEMICAL IND.CO., LTD. does not accept liability for any loss or damage, direct, consequential or special, arising out of the application or use of 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.

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