

PRECAUTIONS/CAUTIONS

1. Protect patient and staff clothing from contact with both unmixed and mixed components. Contact with clothing will produce staining of clothing.
2. Permlastic catalyst contains lead dioxide. Protect against accidental skin contact, eye contact and patient ingestion.
3. Kerr Rubber Base Adhesive contains solvent. Use in a well-ventilated area. Avoid contact with skin or eyes. Wear protective gloves and eye protection when using adhesive.
4. California Proposition 65 Warning. This product contains a lead compound, a chemical known to the State of California to cause birth defects or other reproductive harm. This product contains a lead compound, a chemical known to the State of California to cause cancer.
5. Allow Permlastic to set completely prior to cleaning mixing instruments or placement syringes.
6. Avoid cross contamination of base and catalyst. Match cap color to band on neck of tube.

PROPORTIONS

- Permlastic Light Bodied - By volume; equal lengths of base (white) and catalyst (brown) pastes. By weight; 2 grams of base (white) to 3 grams catalyst (brown) paste.
- Permlastic Regular Bodied - By volume; equal lengths of base (white) and catalyst (brown) pastes. By weight; 1 gram of base (white) to 1 gram catalyst (brown) paste.
- Permlastic Heavy Bodied - By volume; equal lengths of base (white) and catalyst (brown) paste. By weight; 3 grams base (white) to 1 gram catalyst (brown) paste.

MIXING TECHNIQUE

Extrude appropriate amounts of base and catalyst pastes onto a mixing pad. Using a spatula, mix materials into each other using a stirring motion. Incorporate thoroughly until a streak free mix is obtained. Mixing should be completed within 45 seconds to 1 minute. Immediately fill tray or syringe.

Viscosity	Light Bodied
Mixing Time	0.75 – 1.0 min
Tray Loading/Syringe Filling	1.0 min
Minimum working time	4 min
Minimum time in the mouth	10 min

Viscosity	Regular Bodied
Mixing Time	0.75 – 1.0 min
Tray Loading/Syringe Filling	1.0 min
Minimum working time	3 min
Minimum time in the mouth	10 min

Viscosity	Heavy Bodied
Mixing Time	0.75 – 1.0 min
Tray Loading/Syringe Filling	1.0 min
Minimum working time	3 min
Minimum time in the mouth	10 min

POURING OF MODELS AND DIES

Permlastic impressions can be poured immediately after mouth removal or as soon as possible after mouth removal, preferably not exceeding 8 hours.

DISINFECTION AND STERILIZATION OF PERMLASTIC IMPRESSIONS

Permlastic impressions can be disinfected by immersion in a 2% solution of glutaraldehyde. For specific immersion times and solution temperatures, consult recommendations of the manufacturer for the specific glutaraldehyde solution to be used.

ELECTROPLATING

Permlastic impressions may be electroplated.

Silver plating solution

Silver cyanide	21.43%
Potassium cyanide	57.14%
Potassium carbonate	21.43%

Copper plating solution

Anhydrous copper sulfate	225-250 gm.
Concentrated H ₂ SO ₄	75 ml.
Phenol	10 ml. or gm.
Ethanol	25 - 50 ml.
Distilled H ₂ O	1.0 liter

GENERAL USAGE GUIDELINES

1. Dispense materials in proportions given. Do not vary proportions.
2. Do not interchange base and catalyst tube caps.
3. Use Kerr Rubber Base Adhesive for all trays (custom or stock)
4. Mix until streak free.
5. Mix and load tray simultaneously with mixing and syringing of impression area.
6. Allow Permlastic to set completely prior to clean-up from instruments and syringes.
7. Check set prior to mouth removal.
8. Check expiration date prior to use. Do not use expired material.
9. Store at ambient temperature.