



Expect Service

Radiation Products Design Inc

INSTRUCTIONS

RPD INFORMATION

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RPD PRODUCT INFORMATION

Item Number	Description
266-100	Caulk Reprosil Impression Material

HYDROPHILIC VINYL POLYSILOXANE IMPRESSION MATERIAL

TYPE I (according to A.D.A. Specification #19)

Caution: U.S. Federal Law restricts this device to sale by or on the order of a dentist.

INDICATIONS FOR USE

REPOSIL® Hydrophilic Vinyl Polysiloxane Impression Material provides excellent dimensional accuracy and stability. It is suitable for a variety of crown and bridge and edentulous impression techniques. It may also be used for precise duplication of models in the laboratory. REPOSIL® Material is available in 1 viscosity, HEAVY BODY (very high viscosity - tray consistency).

CONTRAINDICATIONS

Do not use REPOSIL® Material as a temporary reliner.

WARNINGS

Caulk Tray Adhesive contains n-hexane. Highly flammable. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. Wash skin with soap and water after contact. AVOID INHALATION OR INGESTION. Use in a well ventilated area. DO NOT TAKE INTERNALLY.

STORAGE

Store and use REPOSIL® components between 65°-80°F (18° - 27°C) and in relative humidity of 50% ±20%. Under these conditions, it has a shelf life of at least two years.

PRECAUTIONS

- Other tray adhesives are not recommended for use with these products.
- For maximum accuracy, use Caulk Tray Adhesives and rigid trays offering good retention.
- Remove set REPOSIL® Material from clothing with a proprietary cleaning solvent.

- Allow REPOSIL® Material to reach room temperature prior to use.
- to obtain optimum physical properties, the mix should be completely homogenous (streak free).
- To avoid surface porosity in stone, delay pour 15 minutes; for epoxy dies delay pour 60 minutes.
- REPOSIL® Material should not be intermixed with, or used in conjunction with conventional (condensed cured) silicones.
- Residue from some brands of latex gloves may leach out especially in presence of blood, saliva and some astringents. These residues on the surface of teeth can interfere with the chemical set of the polyvinyl surface and lead to loss of surface detail and inaccuracies, Vinyl or other non-latex gloves are recommended.
- Use of some hand soaps and lotions can lead to interferences with setting reaction.
- In an effort to control the transmission of infectious diseases, the impression material may be treated using the guidelines set fourth in JADA, Vol. 133, September, 1986, 419-422.

ADVERSE REACTIONS

Avoid prolonged contact with mucous membranes through the non-indicated use of REPOSIL® Material as a temporary liner irritation or contact sensitization could result.

MIXING

Mix Ratio 1 part catalyst and 1 part base

Mix Time 30 - 45 seconds

Work Time 2.5 minutes minimum

Minimum Removal Time (MRT) . . 8 minutes from start of mix

Dispense equal quantities (by weight or volume) of base and catalyst onto mix pad provided. Using a stiff spatula, incorporate catalyst into base until the mix is streak-free (30-45 seconds). At 72°F (22°C) it has a minimum work time of 2.5 minutes and a minimum removal time of 8 minutes (from start of mix). Variations in temperatures reduce amounts of base and catalyst

will neither significantly increase nor decrease work or set times. Optimal performance requires a ratio of 1:1.

CROWN AND BRIDGE IMPRESSIONS

- Select and/or prepare a suitable tray. Use rigid trays of sufficient size to provide at least 2-3mm thickness of impression material.
- Brush a thin layer of Caulk Tray Adhesive onto the tray and allow to air dry for five minutes. Adhesive should be used even with perforated trays.
- Dry the field and place cotton rolls.
- Mix HEAVY BODY and load tray.
- Remove cotton rolls. Inject syringe mix into and around tooth preparations. Seat Tray.
- Retain impression in position until firmly set. It sets more promptly in the mouth than on the bench. Be sure it is firm, resilient, and non-tacky before removal. The minimum removal time (tested according to A.D.A. Specification #19) is 8 minutes from start of mix (6.5 minutes in the mouth).
- Remove impression by pulling slowly to break seal, then snap out along the long axis of the tooth. Rinse impression under cold water and blow dry. Do not store impression in direct sunlight. If the impression is to be shipped, use suitable packaging to preclude distortion.
- Pour stone or other die material within 7 days. The material is compatible with the range of die stones. Impression may be silver or copper-plated.

IMPRESSION IN COPPER BANDS, ALUMINUM SHELLS, ECT.

Cap band with TRAYRESIN™ Material or compound to minimize distortion in handling. Use band or shell of ample size to provide 2-3mm thickness of impression material. Coat band or shell with adhesive. Use HEAVY BODY alone and proceed as usual.

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