NO HAZARDOUS MATERIALS

MACH-SLO™ SILICONE INSTRUCTIONS

MACH-SLO SILICONE: a highly flowable, polyvinyl siloxane (PVS) material ideally suited for making larger dies and models for fabricating indirect composite inlays, onlays, veneers, fiber-reinforced splints, provisional restorations, bleaching trays, etc. The material can also be used as the wash for a Blu-Mousse® preliminary impression in the Modified Laminar Impression Technique (MLIT).

Setting Time: **90 seconds**
Final Durometer: **90+ (Shore A)**

INSTRUCTIONS FOR DIE/MODEL FABRICATION:

1. Take an accurate alginate impression and spray with a surfactant (e.g. DeLar Surfactant). If a PVS is preferred as the impression material, it MUST be thoroughly coated with a reliable separating medium (e.g., 3-5 coats of Handler's SPL-88 allowed to dry between coats).
2. Load a MACH-SLO cartridge into an impression gun, remove sealing cap and express 5mm (1⁄4") onto mixing pad to ensure free flow of base and catalyst. If a clog is apparent, carefully remove stoppage with a sharp instrument and re-check flow.
3. Securely attach (1⁄4 turn) mixing tip with an intra-oral tip attached to the cartridge.
4. Express MACH-SLO into the impression and allow it to flow across the impression. A vibrator may be used for convenience, but is not essential. Express enough material to fill the crowns of impressed teeth.
5. Remove MACH-SLO from impression gun leaving the used mixing tip attached to act as the sealing cap. Insert a cartridge of BLU-MOUSSE® SUPERFAST into impression gun. Check for free flow of base and catalyst as in Step 2 above. Attach mixing tip (without intra-oral tip attached) and express the BLU-MOUSSE directly over the poured MACH-SLO to completely fill the rest of the impression. Express additional BLU-MOUSSE into a plastic base former and invert this onto the impression so that two BLU-MOUSSE layers fuse. Allow 2 minutes for complete setting.
6. Separate the impression from the poured model. Separation from an alginate or hydrocolloid impression is easy. If PVS impression was used, model may resist removal. To separate them, remove all set PVS impression material that has expressed through tray perforations, cut tray with a separating disc and remove it from the impression. Now peel the impression from the model as though it were a banana.
7. Create individual dies by carefully cutting through interproximals with a single-edge razor blade or similar. Make this cut about 3⁄4 of the way through the model. Do not cut all the way through. Now snap apart the remaining uncut portion to form a rough edge that will assure accurate re-assembly of the model in the base former, important for proper contact and contour of a restoration.
8. Trim dies if desired with a Bard-Parker knife or similar. Now use any preferred restorative material to fashion a restoration. If desired, a light-cured restoration may be post-cured in a thermostatically controlled oven (e.g., toaster oven). Post-curing enhances the physical properties of light composites and may be accomplished by placing the restoration into an oven and raising the temperature to about 120°C (250°F) and holding there for 10 minutes. MACH-SLO SILICONE dies may be placed in the oven. HOWEVER, DO NOT PLACE PLASTIC BASE FORMERS INTO THE OVEN – THEY WILL MELT!
9. Final adjustments and polishing of restorations are performed in the mouth after cementation.

INSTRUCTIONS FOR USE AS A WASH IN THE MODIFIED LAMINAR IMPRESSION TECHNIQUE.

1. Take a preliminary impression with BLU-MOUSSE CLASSIC or SUPERFAST, as preferred, with a double-arch tray. Many prefer to use sideless trays.
2. Drill holes mesial and distal to the prepared tooth. They should be large enough to accommodate the intra-oral tip attached to a mixing tip secured to a MACH-SLO cartridge.
3. Inject MACH-SLO in one hole and continue injecting with a steady trigger pressure applied to impression gun until the MACH-SLO runs out of the second hole. Keep expressing MACH-SLO until it is clean and free of any preparation debris, etc.
4. Allow the wash to set completely, about 90 seconds, before removal.

STORAGE:

MACH-SLO™ SILICONE should be stored at 21°C-24°C (70°F-75°F) away from possible contaminants like eugenol and polysulfides. The material may be refrigerated for longest shelf life, but should be allowed to return to room temperature before use or setting time might be prolonged and free flow might be compromised.

SUPPLIED AS: Stock No. S430 (2) 50 ml cartridges plus mixing tips

WARRANTY:

Parkell will replace defective material. This warranty is in lieu of all warranties of merchantability, fitness for purpose or other warranties, express or implied. Parkell does not accept liability for any loss or damage, direct, consequential or otherwise, arising out of the use of or the inability to use the product herein described. Before using, the user shall determine the suitability of the product for its intended use and the user assumes all risk and liability whatsoever in connection herewith.

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