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| Assembly Instructions | |
| Inlay Filler Mixes | |
| Rev: 2/16/09 | Pt# 100 & 110 |

Notes:

- Our filler mix is a super fine powder that creates dust; wear a mask so that you do not breathe the filler dust.
- The filler mix also acts with the glue to help hold the inlays in place.

Prepare the piece to be inlaid:

- 1) Rout all cavities and ensure that all the pearl pieces fit.
- 2) Secure the neck or the part to be inlaid so that it is stationary.

Mixing the filler compound:

- 1) Mix the filler compound with Elmer's® Glue All white glue.
- 2) Mix on a clean hard disposable surface (not paper). A smooth piece of wood works well.
- 3) Use a small scrap piece of wood as a mixing tool. You can also use it to apply the filler.



- 4) Mix equal parts by volume (not weight) of Siminoff Filler Mix to Elmer's glue. The proper mixed consistency should be like heavy cream.

Applying the filler mix:

- 1) Remove an inlay piece from its cavity and fill the cavity with filler. Use the wood "spatula" to apply the filler to the cavity.
- 2) Carefully pick up the inlay piece with a pair of tweezers and place it over the cavity. With an X-ACTO® knife or similar pointed object, gently push the inlay piece until it goes into the filler mix and into the cavity. The inlay piece should go into its cavity easily - if not, stop and check for proper alignment.

- 3) Allow the filler mix to ooze out around the sides of the inlay piece. Do not remove the excess (the filler mix will shrink as it dries and you want the filler mix to end up higher than the top of the inlay and surrounding surface once it is dry).



- 4) Repeat steps 1-3 until all of the pieces have been inlaid.

- 5) Allow the glue to cure for at least 24 hours. Use a sanding block and medium-grit (200) sandpaper, and sand the filler mix, inlays, and surrounding wood flush. Finish with finer paper.

Rosewood filler (Part #110):

- 1) Mix small quantities of brown and black fillers separately (the brown will change to rosewood color in the Elmer's glue).
- 2) You can add black to the brown to mix various shades of brown, dark brown, etc.
- 3) Study the coloration of the rosewood to be inlaid. Apply small quantities of black and brown(s) into each cavity in a way that is consistent with the coloration of the rosewood; black where the wood is black, brown where the wood is brown, to carry the coloration through the inlays.

To prevent bubbles:

While some bubbles might occur in the dried filler mix, 1) be sure not to remove excess glue before filler dries, 2) do not mix the compound thicker than recommended (see Mixing, #4), and 3) keep gaps to be filled as small as possible. Some subsequent hole filling may be necessary by rubbing on a second or third coat of filler mix after the previous dried application has been sanded.