

## Mixing Procedure for EP-600 CC-Paks February 25, 2009

- 1) Tear open metal foil or plastic pouch and remove CC-Pak. Review mixing instructions on blue card, and discard blue card.
- 2) Before removing plastic clip, use thumbs and forefingers to press on silver material in CC-Pak. If it feels dry or thick, it may be crystallized. If material is crystallized, place CC-Pak in an oven for NO MORE than 50 deg C for 10 to 15 minutes. Remove CC-Pak from oven. **IMPORTANT: ALLOW CC-PAK TO COOL TO ROOM TEMPERATURE BEFORE MIXING.** Alternately, place CC-Pak back in metal foil or plastic pouch and immerse it in hot water for 20 to 30 minutes. Remove from water and allow to cool. Be sure CC-Pak is dry.



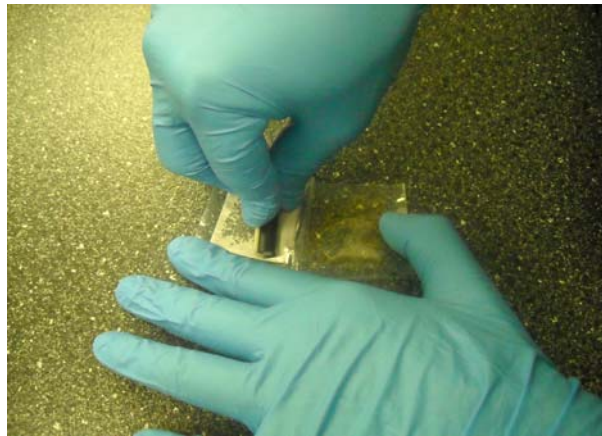
- 3) Slide black plastic half of clip off, then remove white plastic clip half from pouch



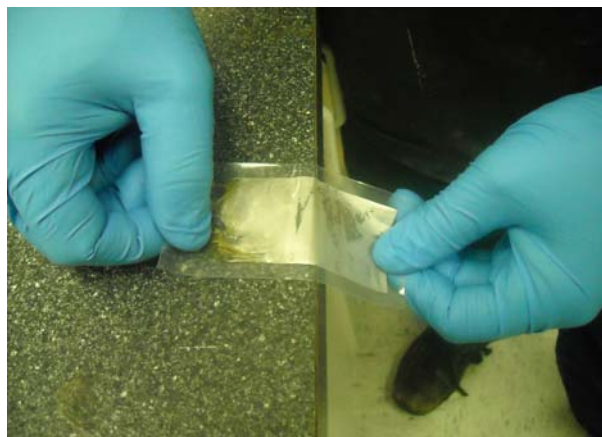
- 4) Reassemble black and white half of plastic clip



- 5) Using edge of white part of clip, scrape or pull the silver material from one end of the pouch into the yellow liquid on the other side.



- 6) Alternate to step 5), using pressure, pull the pouch slowly across the edge of a benchtop or some other object to push the silver side into the yellow side. It is acceptable to use both steps 5 and 6 to mix.



- 7) Using either (or both) steps 5 and 6 above, pull the now mixed materials back and forth a minimum of three times. Do not mix more than 10 times. Inspect to see that all of the yellow liquid is mixed into silver paste. Note separated yellow liquid in corner of pouch below, indicating incomplete mixing



- 8) Using thumbs and forefingers (holding pouch as shown in picture above) press all of the material towards one end of the pouch and mix for 10 to 20 seconds.
- 9) Use clip or edge and repeat mixing using steps 5 or 6 above 2 to 3 times only.  
**NOTE: THERE WILL ALWAYS REMAIN A SMALL FILM OF MATERIAL ON THE INSIDE OF THE POUCH THAT CANNOT BE MOVED WHILE MIXING**



- 10) By this time, material should be a smooth silver colored paste with no indication of yellow liquid on inside edges of pouch, or dark colored spots in mixture. Picture below indicates incomplete mixing. Notice presence of yellow liquid still on right hand side of pouch.



- 11) To fill a syringe, cut one corner of pouch at an angle. Hold syringe at about a 45 degree angle and use fingers to push material out of pouch so that it hits the side of the syringe and flows to bottom. Be sure to have a cap on the needle end of the syringe to stop material from flowing out. This method minimizes air bubbles and voids in syringe. Place plunger in syringe and press completely down until it seats on top of epoxy in the syringe.

