

Nan Smith, Professor
Ceramics Program, University of Florida
Technical Handout

Methods of Repair:

Options for Greenware:

- Vinegar, calcined kaolin (Glomax II), dry mix of base clay recipe with paper pulp*** (toilet paper can be made into a pulp by shredding it and micro-waving it in water)
- Vinegar and dry clay mixed with vinegar into a dry paste
- Duncan Patch-a-tach (available at Frazier Ceramics, Williston)
- Bray patch (ordered from the Archie Bray Foundation, Helena, Montana)
- Apt II (available at Frazier Ceramics)

Options for Bisqueware:

- Bray patch
- Elmer's white glue and glaze mix

Options for Glazeware:

- Elmer's Glue and bisque clay mixture, sanded
- #1 Moulding plaster to fill large cracks
- East Valley Epoxy to fill large cracks
- Light spackle to fill hair-line cracks
- DAP Vinyl Spackling for large linear cracks

Glues and Adhesives –

EP 200 Epoxy, East Valley Epoxy, Ribbon Epoxy, PC 7, PC 11, Premium Gold Construction Adhesive, Gorilla Glue, Waterproof Carpenter's Glue, Bob Smith Company Specialty Glues, Zap-A-Gap.

Other options: Industrial strength Velcro (larger loops on hook end)

Fillers – East Valley Epoxy, Bondo, Vinyl Spackling Compound, Plaster

Metal for reinforcement – Stainless steel mesh or pins

Resource for Restoration Supplies: IPGR, Inc. (International Porcelain and Glass Repair, Inc. Kulpville, PA, 215-256-9015,

East Valley Epoxy: 4635 East Valley Road, Andover, New York 14806, 607-478-8178,
www.EVSupply.com