

Tools/Materials Needed:

1- Damp Towel
 1- Dry Towel
 1- Tablespoon
 1- Pair of Safety Glasses
 1- Pair of Single Use Gloves
 1- Roll Painter's Tape
 Blow Dryer or Heat Gun (*optional*)

Tools/Materials Included:

1- 3M Abrasive Pad	1- Stick of Epoxy Putty	1- Roller Frame
1- Piece of Sandpaper	1- Stir Stick	2- Rollers
1- Piece of Chalk	1- Tint Sealer	1- NativeStone Shield Part A
1- 1" Foam Brush	1- Clear Sealer	1- NativeStone Shield Part B
1- 3" Foam Brush	1- Paint Tray	2 - Paper Strainers

THIS KIT IS USED FOR:

Repairing worn sealer, small pinholes and chips on a NativeStone sink.

Max V.O.C. 95 g/L, no CFC's

Made in USA

Emergency Phone:

1-800-424-9300 (CHEMTREC)

PRECAUTIONS:

- Wear protective gloves and safety glasses when applying sealer.
- Skin and eye irritant. Do not swallow. Use in a well-ventilated area. When handling, do not eat or drink. If in contact with eyes, rinse cautiously with warm water for at least 15 minutes. Use fingers to ensure that eyelids are separated and that the eye is being irrigated. Remove contact lenses if present and easy to do so. Continue rinsing. Contact physician if irritation persists. If large volume is swallowed, get medical attention immediately. Keep out of reach of children.
- This product cannot be exposed to temperatures <32 degrees F.

SURFACE PREPARATION:

- 1.** Wipe surface with damp towel to remove any buildup or loose material on the surface. Thoroughly wet all surfaces with hands and running water for 4-5 minutes to identify pinholes, chips, or areas of exposed NativeStone with sealer coating removed.
- 2.** Using chalk, circle all indications of water intrusion due to any of the issues listed above. Mark your circle large enough to make the repair within the circle without sealing or covering the chalk in the process.
- 3.** To make sure surface is completely clean and dry before moving onto repair steps below use a blow dryer or heat gun to gently dry all damaged surfaces, surfaces will lighten back to original color when dry, but chalk circles will remain.
- 4.** Apply Painter's Tape to installed drain and overflow to protect from sealer application.

SEALING PREPARATION/APPLICATION:

Note: If repairing worn sealer only, skip to Step 4.

- 1. Fill Pinholes.** Dispense enough Epoxy Putty as required to fill pinholes. Make sure to include materials from the inner and outer rings of the putty. Using fingers, thoroughly knead putty to a uniform color for 1-2 minutes. If needed, add a few drops of water to the putty to help make it more flexible. Apply putty firmly to the pinholes. Gently wipe away excess with your finger.
- 2. Fill Chips with Epoxy Putty.** Dispense enough Epoxy Putty as required to fill chips. Make sure to include materials from the inner and outer rings of the putty. Using fingers, thoroughly knead putty to a uniform color for 1-2 minutes. If needed, add a few drops of water to the putty to help make it more flexible. Apply putty firmly to the chipped area, molding it as uniformly and flush as possible. Gently wipe away excess with your finger.
- 3. Cure & Sand.** Let putty cure until hardened, 1 hour minimum up to 24 hours.
 - **For Chips:** Once cured use the Sandpaper and Abrasive Pad to lightly sand and smooth only the repaired areas. Avoid removing any surrounding still intact sealer. Putty will lighten in color after sanding.
- 4. Apply Clear Sealer.** Shake the bottle of Clear Sealer (appears milky in bottle) for exactly 2 minutes to thoroughly mix solution before applying. Let the sealer settle for 5 minutes after shaking.
 - **For Pinholes and Chips:** Dip one corner of the 1" Foam Brush into the bottle of Clear Sealer and apply to areas where epoxy putty was applied. Avoid the surrounding surface.
 - **For Worn Sealer:** Pour Clear Sealer through a paper strainer into the Paint Tray. Soak the 3" Foam Brush in the Clear Sealer and apply to the repair areas inside the chalk circles only, avoid the surrounding surface.
 - Cover the sealer in the paint tray with a cloth or plastic bag. Rinse foam brush with water and set aside to dry for reuse later. Paper strainer can be discarded.

NativeStone® Sink Repair Kit Application Instructions

5. Allow to Cure. Let sealer cure for at least 4 hours. Optionally, to reduce sealer cure time to 2 hours, use blow dryer or heat gun to gently apply heat to repaired sealer area from 10"-12" away. Appearance should change from milky to glossy.

6. Apply Tint Sealer to Chip Repair Areas. *(Only necessary for Chip repairs)* Shake Tint Sealer bottle for exactly 2 minutes to thoroughly mix solution before applying. Dip one corner of the now dry 1" Foam Brush in the mixed Tint Sealer and apply tinted sealer to the putty only. Remove excess Tint Sealer from surrounding areas and smooth application with the dry corner of the foam brush. Rinse foam brush with water and set aside to dry so it can be used later if needed.

7. Allow to Cure. Let sealer cure for at least 4 hours. Optionally, to reduce sealer cure time to 2 hours, use blow dryer or heat gun to gently apply heat to repaired sealer area from 10"-12" away until it appears to be dry. Time will vary depending on size of repaired area. Appearance should change from milky to glossy. Most repairs only require one coat to achieve the desired look. If you are unhappy with the appearance after curing, repeat Steps 6 and 7 until desired color is achieved.

8. Prep Surface. Remove any remaining chalk outlines and wipe surface with a damp cloth and make sure area is dust free and dry when finished. Use the maroon 3M pad to lightly scuff the entire repair area. Try to avoid sanding the putty repair area. Wipe surface with damp cloth and make sure area is dust free and dry when finished, chalk outlines should be cleaned off at this point.

9. 2nd Coat of Clear Sealer Application. *(Only necessary for Worn Sealer repairs)* Apply final layer of Clear Sealer. Use stir stick to stir Clear Sealer in the paint tray for exactly 2 minutes to thoroughly mix solution before application. Use 3" Foam Brush to apply sealer to all repair areas and surrounding surfaces to blend finish.

- Rinse paint tray with water and set aside to dry for reuse later. Wipe off stir stick with paper towel and keep for later reuse.

10. Allow to Cure. Let cure for full 12 hours after applying the final coat of clear sealer. A blow dryer or heat gun cannot be used to reduce dry time for this curing step. After 12 hour cure, wipe surfaces with a damp cloth to remove dust and dry with a clean cloth before starting the NativeStone Shield application process.

- Repeat Step 1 in Surface Preparations section to verify rework has been successful. Repeat repair process if repair was unsuccessful. Do not add NativeStone Shield until repair is 100% successful.

11. Prepare NativeStone Shield. *IMPORTANT NOTE:* Once fully mixed, NativeStone Shield has a 45 minute pot life before it loses integrity and must be disposed of. Plan accordingly so that full application can be completed within that timeframe.

- Stir container of NS Shield Part A with stir stick for exactly 1 minute.
- Pour contents of Shield Part A container into Shield Part B container. Stir for exactly 5 minutes.
- Wait 15 minutes to allow mixture to fully blend.
- Add 2 tablespoons of water to Shield Part A and B mixture and stir again for 1 minute.
- Pour entire amount of fully mixed NativeStone Shield through a paper strainer into the Paint Tray.

12. Apply NativeStone Shield. *NativeStone Shield dries quickly once applied, so it is best to work quickly.*

- Saturate roller in NativeStone Shield and roll off excess in the paint tray. Apply NativeStone Shield to inner bottom, inner sides and top edges of sink using a push/pull motion (away from you and towards you). Lightly back roll over edges to ensure a smooth application and that the overlaps are wet to wet. Do not apply pressure when rolling; the weight of the roller is all that is needed.
 - TIP: When applying to a vertical surface, hold roller with open side pointing down to prevent excess sealer from dripping down off the roller.
- Using gloves, remove the roller from the roller frame and discard. Attach the second, dry, roller to the frame. Use the dry roller to smooth out any drips or heavy application areas. Use a blotting motion to smooth areas in corners and along inner walls so sealer doesn't pool. Sealer applied to vertical surfaces may run, so check on it again after two minutes to ensure it is still smooth. If pooling occurs, gently roll with dry roller once again only where needed.

If repair areas are located on exterior surfaces, follow above directions for application and dry rolling to seal the top edge and exterior surfaces, rather than interior.

NOTE: When correctly applied, NativeStone Shield will have a glossy, even sheen and will remain tacky for up to 12 hours after application. Protect your sink from dust and debris while drying.

13. Allow Final Cure. Allow sink to cure for 7 days at ambient room temperature. Optionally, to reduce cure time from 7 days to 4 days use blow dryer or heat gun to gently apply heat to repaired sealer area from 10"-12" away from the surface and move back and forth until appearance changes from milky to glossy. Do not use sink until fully cured.