MetalProtect™ Application Instructions

What You Will Need
MetalProtect
(3) 2" to 3" foam paint brushes
Denatured alcohol
Small paint tray
Baking soda

Protective gloves
Eye Protection
Metal or Copper polish (Optional – See Step 2 for detail)

NOTE: Protective gloves and eye protection are recommended during cleaning, polishing, and sealing process. Use in a well ventilated area.

1. **Prepare Surface.** Clean piece thoroughly with mild soap and water.

2. **Polish Surface.** Polish piece, if applicable. See below for instructions by finish.

    A. **For Polished Nickel finish:** Use Flitz Polish or Chrome Polish to polish piece to the desired finish.

    For Polished Copper finish: Use a non-abrasive copper polish (we recommend Wright's Copper Cream) to polish the piece to the desired finish. Most good polishes contain acid, which must then be neutralized before sealing; after polishing, use a damp cloth to apply a combination of baking soda and water to neutralize the acid, then rinse off with water. (Use 1 part baking soda to 2 parts water. About 2 Tbs. baking soda + 4 Tbs. water is plenty for a bath or bar sink. Double that for a kitchen sink; triple it for a tub.)

    B. **Antique and Tempered Copper** (or other darker/patina copper finishes): DO NOT polish or you may lose the patina. Go directly to Step 3.

    C. **Stainless Steel:** No need to polish, go directly to Step 3.

3. **Rinse Surface.** Rinse entire piece with plain water and dry completely with soft cloth. Be absolutely sure there is no water; it often pools around drains, and piece must be entirely dry before next steps. A hairdryer can be used to ensure that no water remains.

4. **Remove Residue.** Dampen a soft cloth or paper towel with denatured alcohol and wipe the metal thoroughly to remove residue from any polish or wax. (Do not use any other type of alcohol.)

5. **Remove Metal Seal.** There is a metal seal under the screw-on cap of can to prevent leakage during shipping. This insert needs to be removed and discarded. Making sure contents do not spill, take a flat head screwdriver and hammer, and gently tap the screwdriver through the seal. Once pierced, the seal will easily pop out.

6. **Prepare the Sealer.** Pour a small amount of sealer from the can into a small paint tray for easy access. Add sealer as needed.

7. **Apply Primer Coat** Using a foam paint brush, apply the first coat of MetalProtect to the entire piece (all exposed areas needing protection). Allow one hour to dry.

   NOTE: DO NOT apply pressure while applying MetalProtect. Simply glide it on; otherwise the coating will be too thin and will not protect adequately.

8. **Apply Second Coat.** After ensuring the prior coat is dry, use a new, clean foam paint brush to apply a second coat of MetalProtect to any heavy-use areas. If you are sealing a sink, apply this coat only to the bottom area. Let dry at least one hour.

   NOTE: MetalProtect will blend into itself, evening out the layer. When applying the second and third coats (Step 9), glide the coating on quickly and do not use pressure or wipe excessively - this can disturb the prior coats.

9. **Apply Final Coat.** After ensuring the second coat is dry, use a new, clean foam paint brush to apply a third and final coat to the overall piece– as in Step 7, to all exposed areas needing protection.

10. **Final Full Cure.** Allow coating to cure 4-5 full days before use. MetalProtect will continue to harden as it cures. Under normal circumstances with normal temperature and humidity, the coating will be completely cured in 4 days.

    NOTE: Should an error occur during the application process, MetalProtect can be removed with xylene or xylene substitute, available in the paint section of most hardware stores.