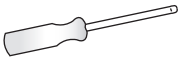
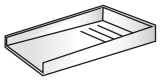
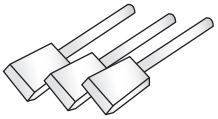
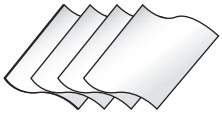
MetalProtect™
Application Instructions

Tools/Materials Needed:

- Safety Glasses 
- 1 Pair of Single-Use Nitrile Gloves 
- Flat head screwdriver 
- Hammer 
- Denatured Alcohol 
- 1 Small Paint Tray 
- 3- 2" or 3" Foam Paint Brushes 
- 4-5 Soft Cloths 

Metal or Copper Polish (optional – see below A & B for details)

PRECAUTIONS:

- Wearing nitrile protective gloves and safety glasses is recommended during the cleaning, polishing and sealing process.
- Use in a well-ventilated area. When handling, do not eat, drink or smoke. Keep out of reach of children. If large volume is swallowed, get medical attention immediately.

SURFACE PREPARATION:

1. **Polish piece:** if applicable- see below for instructions by finish. Not recommended for use on Antique or Tempered Copper finishes.
   - **A.** For Nickel Finishes: Use Flitz Polish or Chrome Polish to polish piece to the desired finish according to manufacturer instructions.
   - **B.** For Polished Copper Finish: Use a non-abrasive copper polish (we recommend Wright's Copper Cream) to polish the piece to the desired finish according to manufacturer instructions.
   - **C.** Stainless Steel: No need to polish, go directly to Step 2 below under Sealing Application.

2. **Solvent Wipe:** clean piece thoroughly with a soft cloth dipped in denatured alcohol. Do not dilute, rinse or use any other type of alcohol for this step. This process ensures a completely clean and dry surface that is essential for proper sealant adhesion and should be done right before the application of MetalProtect.

SEALING APPLICATION:

3. **Remove Metal Seal:** There is a metal seal under the screw-on cap of the can to prevent leakage during shipping. To remove, unscrew the cap and using a small screwdriver pierce through the insert and pop it out; if needed use a hammer to tap the screwdriver in. Discard this seal piece.
4. **Prepare the Sealer:** Pour a small amount of the sealer from the can into a clean paint tray for easy access. Add sealer as needed while working, do not dilute.
5. **Prepare the Brush:** Dip one of the foam brushes into the sealer, making sure that the foam is wet but not dripping, rub off excess into the tray. Dry areas in the brush can cause streaks.
6. **Apply:** the sealer to the metal surface letting the foam brush glide across the surface, do not apply pressure. When the foam brush starts to show resistance, dip into sealer again. If you get drips, simply smooth out gently before the coating starts to dry.
7. **Check:** the coating while applying, if it separates or does not appear smooth, you need to stop and re-clean the surface as this indicates there may still be chemicals on the metal surface. Go back to Step 2 after wiping off the sealant with a solvent such as denatured alcohol
8. **Multiple Coats:** are recommended, at least two to three, make sure to allow at least an hour of drying time in between coats. MetalProtect is self-leveling, if you see a spot you missed, let it dry and then coat over it, using a new brush for each coat.
9. **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 final coating will be completely cured in 4 days.
   - **Note:** Should an error occur during the application process, MetalProtect can be removed with denatured alcohol.
   - **Continued Care:** Keep your newly coated item clean by using only a mild dish soap or mild cleaners. Avoid solvent based or abrasive cleaners.