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## ELECTROLESS TIN PLATING KIT INSTRUCTIONS

Caswell Electroless Tin deposits a rich tin plate over copper, brass, gold and most copper based alloys without the need for a power supply. It's perfect for use on circuit boards or for retinning cookware.

Caswell Electroless Tin contains Hydrochloric Acid and is corrosive. WEAR PROTECTIVE GEAR TO PROTECT AIRWAY, SKIN, EYES AND CLOTHING. READ THE MSDS BEFORE CONTINUING.

Caswell Tinning Solution is sold ready to use. No dilution necessary.

Steps for use:

1. Plug heater into the outlet on the thermostat. Install heater and thermostat sensing bulb into tank. Do not plug in thermostat yet.
2. Carefully pour solution into plating tank. Avoid splashing. Material is corrosive. Wear respirator and protective gear where conditions warrant.
3. Adjust the thermostat to 120 deg F and plug it in.
4. If shiny finish is desired on parts, polish to a high shine.
5. Degrease parts with an appropriate degreaser and perform waterbreak test to check for cleanliness.
6. When plating tank has reached 120 deg F., hang part from string, fishing wire or copper wire and immerse into plating tank for 60 seconds. Swish the part around in the solution while immersed.
7. Remove from tank and rinse in distilled water. Drip dry or use a hot air blower (hair dryer etc).

Plating rate is approx 1/1000" per 15 mins immersion time. Bath life is approx 100 sq ft per gallon at 0.025 mil (0.000025")

Additions of new solution can be made to old solution to extend life. When depleted, dispose of according to all local, state and federal laws. NOT DRAIN SAFE.