

# **ABI Precious Metals**

## **STERLING SILVER**

### **ANTIQUING WITH LIVER OF SULFUR**

Preparation of pieces to be treated is very important. Prepolishing and thorough cleaning are the first steps in the process.

Prepolish is important, the less time spent on polish after the oxidation, the better. Over polishing can remove blackening in the depressions.

Thorough cleaning and drying, to make sure there are no residues to inhibit chemical solution from penetrating surface.

Liver of sulfur should be mixed with water, at proper directions on container. A heated bath solution heated to 150° works best. Solution dip in bath, or apply just to areas to be treated both work well (use cotton swab or small artist brush). Remove excess solution where it is not desired by dabbing with cloth; allow drying for 45 min to 1 hour. After drying go to dry final polish. Remember do not over polish, just enough to remove oxide from surface, not depressions.

#### **CLEANING AFTER POLISH**

It is better to use a steam cleaner, and then ultrasonic, some ultrasonic solutions can react with oxide area turning them creamy in color.

#### **SAFETY HAZARDS**

Do Not mix livers of sulfur with any type of acid- deadly fumes will develop.

Reference to your (MSDA) book should be a standard before using any new chemical.

Face mask and latex gloves should be worn.

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