



FEATURES:

Biologically safe solution, invisible protective layer for anti-tarnish protection of silver jewelry or decorative and technical items.

Good to work with Au, Ag, Rh, Pt, Pd items from oxidation and discoloration. Dirt and water repellent in long life time.

Uninfluenced with color and brightness recyclable and repair service free.

Ph-value: neutral
Working temperature: 86°F(30°C)

Brightness: uninfluenced
Color: uninfluenced
Friction coefficient: reduced
Sliding properties: improved
Solderability: virtually uninfluenced
Contact resistance: virtually uninfluenced

No expensive equipment nor electrical current to use, just simple dip process.
Easy to handle in work.
Environmental friendly product.
Great resistance to sulfuration.

Replacing New SILVER GLORY® :
Approx. 3 months with continuous use of the same immersion bath or the color of solution starts to go milky, dirty, yellowish.

SOLUTION BATH MAKEUP:

- 1) One piece of dry ingredients charged cloth in the bottle.
- 2) Open the bottle.
- 3) Fill 1 cup (240cc) hot boiled water 194°F(90°C) into bottle.
- 4) Wait till cool- your SILVER GLORY® anti-tarnish protector solution bath is ready made for work.
- 5) Shake well and pour into a beaker with amount suitable to work with your need (working temperature 86°F= 30°C). (77°F~95°F/25°C~35°C)

Please note: never go over than 100°F or 38°C too hot will cause color change to yellow.

WORKING PROCESS:

A For newly made finished jewelry without plating

- 1) Newly made with final buff finished jewelry item do not want plating:
 - Cathodic electrocleaning (electrolytic cleaning) the purpose of electrolytic cleaning is to remove any oil, grease or film that might be present.
 - If you do not have electronic plating machine to perform electrocleaning, you can use W&W no. 6084 degreaser to clean work piece.
- 2) Rinse with clean water.
- 3) Dip your work piece into beaker with SILVER GLORY® for 3 to 5 minutes working temperature 86°F or 30°C (77°F~95°F/ 25°C~35°C) never go over than 100°F or 38°C.
- 4) Dip into hot water (176°F/80°C) for 30 seconds.
- 5) Rinse with fresh cold water.
- 6) Dry with hair blower or dry in oven at 100°C.
- 7) Your jewelry piece has been well protected with SILVER GLORY® anti-tarnish protector.

B For silver, gold, platinum jewelry with plating finished

- 1) Rinsing with clean cold water.
- 2) Dip in neutralizing solution.
- 3) Cleaning with clean cold water.
- 4) Dip your jewelry pieces in to beaker with SILVER GLORY® for 3 to 5 minutes working temperature 86°F or 30°C (77°F~95°F/25°C~35°C) never go over than 100°F or 38°C.
- 5) Dip into hot water (176°F/80°C) for 30 seconds.
- 6) Rinse with fresh cold water.
- 7) Dry with hair blower or dry in oven.

Your jewelry piece has been well protected with SILVER GLORY® anti-tarnish protector.

C For has tarnished, oxidized jewelry pieces

- 1) Using tarnish remover to clean the already oxidized surfaces part of the piece or repolished.
- 2) Cold water wash and rinse till all chemical in your tarnish remover has been completed wash out and clean.
- 3) Dip in neutralizing solution.
- 4) Rinsing with clean cold water.
- 5) • Cathodic electrocleaning (electrolytic cleaning) the purpose of electrolytic cleaning is to remove any oil, grease or film that may be present.
OR
• If you don't have electroplating machine to perform electrocleaning, you can use W&W no.6084 degreaser to clean work piece.
- 6) Rinsing with clean cold water.
- 7) Dip your work piece into beaker with SILVER GLORY® for 3 to 5 minutes working temperature 86°F or 30°C (77°F~95°F / 25°C~35°C) never go over than 100°F or 38°C.
- 8) Dip into hot water (176°F/80°C) for 30 seconds.
- 9) Rinsing with fresh cold water.
- 10) Dry with hair blower or dry in oven.
Forced-Air Oven
176°F/ 80°C - 5 minutes
248°F/120°C - 3 minutes
302°F/150°C - 2 minutes
- 11) Your jewelry piece has been well protected with SILVER GLORY® anti-tarnish protector.

All successful protected pieces will be indicated by a "contracting" of the water drops on the surface and a clear draining behavior.

DK SOLUTION www.ww2.com.tw



HANDY SILVER GLORY® PROCEDURES GUIDE

PROCESS > ALLOY >	TARNISH REMOVE WITH TARNISH REMOVER	R I N S E	NEUTRALIZE DIP	R I N S E	ELECTRO CLEAN 140°F 8 VOLT 30~60 SECONDS OR DIP IN W&W NO.6084 DEGREASER	R I N S E	SILVER GLORY® SOLUTION 77°F~95°F (25°C~35°C) 3 TO 5 MINUTES	DIP IN HOT WATER (176°F/80°C) 30 SECONDS	R I N S E	DRY WITH HAIR DRYER OR DRY IN OVEN 212°F/100°C
Au, Ag, Rh, Pt, Pd NEWLY MADE FINISHED JEWELRY WITHOUT PLATING	X	X	X	X	YES	V	YES	YES	V	YES
Au, Ag, Rh, Pt, Pd FOR SILVER, GOLD, PLATINUM JEWELRY WITH PLATING FINISHED	X	X	YES	V	YES	V	YES	YES	V	YES
Au, Ag, Rh, Pt, Pd FOR TARNISHED, OXIDIZED JEWELRY PIECES	YES	V	YES	V	YES	V	YES	YES	V	YES

NOTE:
ACID DIP ACTIVATOR IS OPTIONAL.
USE WHEN REQUIRED.

IF ACID DIP ACTIVATOR IS NEEDED AND MUST TO START FROM NEUTRALIZE DIP.

CHECK YOUR SUPPLIERS FOR DEGREASER, NEUTRALIZING SOLUTION AND ACID DIP ACTIVATOR WITH WORKING PROCEDURES.

WARNING:
HARMFUL IF SWALLOW.
EYE IRRITATE. WEAR PROTECTIVE GOGGLES, GLOVES.
KEEP OUT REACH OF CHILDREN
WASH HAND FREQUENTLY.