

Triple-S Chemical Products, Inc.



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BLACK ON SILVER

DESCRIPTION:

Black on Silver is another **Triple-S Chemical** product designed to develop a deep black (jet black) color on silver-plated parts as well as sterling silver. This solution is a non-chromate, non-cyanide liquid developed for blackening silver. It is widely used on silverware, sculptures, gift items, and decorations. The blackened surface will not chip, flake or peel. Also, the color will not change or gray in time.

PREPARATION:

Parts must be free of grease, alkalinity or acid when **Black on Silver** is applied. Parts must be thoroughly cleaned and deoxidized prior to blackening. **Cleaner 104** is recommended for removing heavy oils and oxidation. Do not use petroleum-degreasing solvents that leave a residue on the surface. Rinse thoroughly with over flowing cold water to remove residual cleaners and dust. It is important that alkaline cleaners are completely rinsed off prior to blackening.

IMPORTANT: Triple-S does **NOT** recommend using any sort of alcohol, solvent, acid or degreaser to clean parts prior to solution application. **Cleaner 104** is a great cleaner to ready parts for **Black on Silver** or even powdered cleaners such as **Ajax** or **Comet** can also be used. Use the cleaner in conjunction with a scotch brite pad and apply medium strength scrubbing to prepare the part then thoroughly rinse with fresh water. **Cleaner 104** run off should be contained and disposed of as per local hazmat disposal laws.

APPLICATION:

Clean the part in **Cleaner 104**. Rinse with water thoroughly and dry. Apply the **Black on Silver** solution with a brush or spray (as is, without dilution) for 5 to 10 seconds. Wipe the surface to dry. A clear water-soluble lacquer (i.e. **WSL-55** or **AL-70**) should be applied by dip, brush or spray to protect the parts from becoming oxidized (dulled in color, tarnished). The lacquer will not affect the blackened area.

CAUTION:

Avoid contact with skin or eyes. Contact with skin or eyes may cause irritation and/or burning sensation. Protective clothing, rubber gloves and a face shield should be worn when handling.

Do not take internally!

FIRST AID:

In case of skin contact, wash skin with large amounts of fresh water. In case of eye contact flush immediately with large amount of fresh water for at least 15 minutes and **Call a Physician Immediately!**

DISPOSAL:

Contaminated product soil, water container residues and spill clean-up materials may be hazardous wastes. Avoid contact water. Comply with local, state and federal regulations concerning solid or hazardous waste disposal and or container disposal.