
AUROMEX[®]

TECHNICAL

INSTRUCTIONS

DATA SHEETS

METAPREP AGS TARNISHING PROTECTION FOR SILVER

By dipping silver or silver plated parts in **METAPREP AGS** an effective passive film is formed on the surface which will protect the silver against hydrogen-sulfide and oxygenium. The protective layer is formed by a chemical reaction with the silver surface and its thickness is very thin and not visible. The contact resistance and the solderability compared with pure silver is almost not influenced. The antitarnishing film **METAPREP AGS** gives even better solderability and reduces the abrasion of the surface because the antitarnishing film is selflubricant. The antitarnishing film is non-poison and does not react with the skin.

- CONTAINER** : Steel or aluminium. The container should be covered with a tight lid.
- EXHAUST** : Has to be installed.
- DELIVERY FORM** : **METAPREP AGS** will be delivered as concentrated form. It needs to dissolve in 1,1,1 trichloroethylene before use.
- MAKE UP CONCENTRATION** : 10% by volume (or 100 cc/l) in 1,1,1 trichloroethylene

WORKING MANNER

The articles to be treated have to be clean and dry. The dipping time is about two minutes. Afterwards the remaining **METAPREP AGS** has to be dropped off and finally dried.

After this treatment the parts will show a white deposit which increases the tarnishing protection. If decorative parts like cutlery are treated in **METAPREP AGS** the white deposit can be removed as follows :

- a) Dipping in 1,1,1 trichloroethylene direct rinsing and drying.
- b) Immerse for 30 seconds in hot alkaline soak cleaner rinse immediately in clear, hot water and dry.

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CHEMICALS CORPORATION

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CONSUMPTION RATE

1 litre **METAPREP AGS** concentrate will consume per 20000 square meters under normal dipping condition.

HINTS FOR REGENERATION

The correction and the maintenance of the **METAPREP AGS** is limited to the replenishment of the evaporation of the solvent and dragout losses.

EFFLUENT TREATMENT

The exhausted solution **METAPREP AGS** shall not be discharged into the waste water system or into the municipal drain system. The solution has to be collected and delivered respectably stored according to the legal laws.