

BRASSPOL

COPPER ALLOY BRIGHT DIP/DEBURR

INTRODUCTION

Brasspol is an acid immersion process which levels and polishes copper alloys of all types with no risk of attack or darkening of the metal surfaces. It has been formulated to minimize the liberation of noxious fumes and is safer and less toxic than traditional bright dipping processes based on nitric acid. Brasspol also provides a temporary tarnish protection after drying.

BENEFITS

- Smooth, polished finish
- Minimal noxious fumes
- Temporary tarnish protection

SOLUTION MAKE-UP

Brasspol 100% ready to use (RTU)

OPERATING DATA

Concentration	100%
Temperature	70°F (ambient temp)
<u>Time</u> For Brightening For Leveling/Deburr	1 minute 2 – 5 minutes (Depending on quality and surface finish of the base material)



Manufactured for North America exclusively by **Automated Chemical Solutions, Inc.**
 3320 E. Roeser Road
 Phoenix, Arizona 85040
 Telephone (602) 268-3500
 www.gmfchemicals.us

EQUIPMENT

Tanks	Polypropylene or mild steel lined with polypropylene or PVC
Heaters	PTFE immersion heaters with thermostatic control
Ventilation	Required

INSTALLATION

It is essential that the tanks to be used for Brasspol are thoroughly cleaned and leached before any product is introduced.

If there is any doubt as to the cleaning procedure please contact Automated Chemical Solutions.

1. Fill clean dry tank with Brasspol.
2. Heat to operating temperature.

PROCESS SEQUENCE

1. Clean (Cleaner 505)
2. Rinse
3. Dry
4. Immerse in Brasspol for an appropriate time depending whether the component is to be brightened or leveled/deburred
5. Vigorous rinse
6. 10% sulfuric acid dip
7. Rinse
8. Electroplate

MAINTENANCE AND CONTROL

The solution should be discarded when brightening or leveling ability becomes unacceptable.

NOTES

1. Parts to be treated in Brasspol must be clean to ensure a uniform polish over the complete surface.
2. Additionally, the parts should be dry to avoid drag-over of water which will dilute the Brasspol and reduce its' efficiency.
3. If heavy corrosion or brazing scale is present it may be necessary to treat in a heavy duty etch cleaner such as a microetch and/or a cleaner before finishing in Brasspol.



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STORAGE

Store in original containers above 40 °F.

SAFETY

CAUTION! Brasspol concentrates and working solutions contain acidic components. Avoid contact with eyes, skin and clothing. Wear chemical handler's gloves, goggles and protective clothing when handling. Read and understand Material Safety Data Sheet before using this product.

PRODUCT GROUPS

The following products are referred to in this data sheet.

PRODUCT NAME	PRODUCT NUMBER
Brasspol	277001
Cleaner 505	206001

NOTICE

The information and recommendations of PMD (UK), Ltd. and Automated Chemical Solutions, Inc., and its representatives, regarding this product are, to the best of our knowledge, true and accurate. We make no guarantee of results because the conditions of actual use are beyond our control. We assume no liability for damages or penalties resulting from the use of this product or following our recommendations. Our recommendations and suggestions for use of this product are not intended to grant license to operate under or infringe any patent.



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