



Better Chemistry. **Better Business.**

Burnishing Compound TV-4

Product Code: 2103012
Revised Date: 01/30/2009

Burnishing Compound TV-4

DESCRIPTION

Burnishing Compound TV-4 is a mildly alkaline powdered product used for burnishing copper and brass alloys in conventional barrel finishing operations. It may be used with steel, stainless steel, ceramic, and porcelain medias.

FEATURES AND BENEFITS

- Produces bright, lustrous finish
- Mild pH of 8-9
- No phosphates
- No borate
- No chelating agents
- Removes tarnish and light oxides
- Does not pit steel media
- Non-caking
- Controlled foam
- Non-saponaceous
- Non-dusty
- Free flowing powder



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TYPICAL APPLICATIONS

- Part on part de-burring
- Part on part burnishing
- Part on part edge radius generation
- Part on part tarnish and light oxide removal
- Part on part cleaning

OPERATING CONDITIONS

Burnishing Compound TV-4 may be used in all conventional types of tumbling barrels, rubber, plastic or wood lined - open or closed.

1. With media - concentrations 3.4 oz. Per gallon. Higher concentrations may sometimes be used up to 2 oz. Per gallon if necessary. Acid pickling prior to mass finishing is not required in most cases except if the tarnish is severe or oxides are heavy. Time cycles are typically 15-60 min.
2. In self-tumbling operations: 1 1/2 to 2 ounces per gallon is preferred. Burnishing time varies, depending on the amount of tarnish and finish required; generally, twenty minutes to one hour is sufficient for most applications.

CAUTION

Although **Burnishing Compound TV-4** is mildly alkaline, avoid skin, eye and oral contact. Wear protective clothing, goggles and gloves when handling **Burnishing Compound TV-4**. If exposed, flush thoroughly with clear, cold water. In case of injury, please contact a doctor.

WASTE DISPOSAL

Rinse water and spent solutions should be discharged to a permitted wastewater treatment system. In order to be completely informed on the latest regulations for your area, please contact the local authorities.



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WARRANTY

THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED.