



Better Chemistry. **Better Business.**

Metal Guard® 350

Product Code: 2503050
Revised Date: 10/14/2010

Metal Guard® 350

DESCRIPTION

Metal Guard® 350 is an emulsion rust preventative offering outstanding lubricity and corrosion protection to blackened, phosphated, and bare metal surfaces. After water evaporation, this emulsion leaves an extremely thin waxy film. **Metal Guard® 350** is normally used as received but may be diluted with water, in special applications. Since **Metal Guard® 350** is a water emulsion, parts can be processed through it without pre-drying. Some care should be exercised, however, to prevent too great a carry over of water which would, in time, dilute the wax emulsion resulting in a thinner deposit with lower protective quality. **Metal Guard® 350** coating will air-dry in a relatively short time. The drying period can be shortened by force drying with warm air or in heated spin dryers. If it becomes necessary to reprocess the parts, the coating may be removed in a hot alkaline cleaner or vapor degreaser.

Do not allow bath temperature to exceed 130°F.

FEATURES AND BENEFITS

- Outstanding lubricity
- Water-based
- Excellent rust protection
- Thin protective film
- Easily removed with alkaline cleaner
- Low odor

TYPICAL APPLICATIONS

- Final coat after black oxide
- Final coat after zinc or manganese phosphate
- Final coat on bare steel



Product Bulletin

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TYPICAL PROPERTIES

Approximate Film Thickness (Dip)..... Less than 0.50 mil
Flash Point..... None

PHYSICAL DATA

Specific gravity Approximately 1.0 @ 70F.
Solubility in water..... Stable Emulsion
Appearance and odor..... Opaque tan emulsion, mild odor
pH 8.5 – 9.5

WASTE DISPOSAL

Disposal of spent **Metal Guard® 350** should be in accordance to all applicable federal, state and local environmental ordinances.

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.