



Product Bulletin

Better Chemistry. **Better Business.**

Metal Guard® 450

Product Code: 2504050
Revised Date: 11/21/2012

Metal Guard® 450

DESCRIPTION

Metal Guard® 450 is a water-displacing solvent cutback rust preventive that is applied to aluminum, steel, stainless steel or copper alloy substrates by spray, immersion, brushing or flood coating. **Metal Guard® 450** is also used for protection against rust and corrosion on automobile parts and accessories, sewing machines, firearms, fasteners of all types, small gasoline engines, machine tools, dies, jigs, fixtures and metal stampings.

Metal Guard® 450 should be stored at temperatures above 55° F, if the **Metal Guard® 450** temperature falls below 55° F during storage, it should be allowed to slowly warm above 55° F before use, by storing it in a warm area.

FEATURES AND BENEFITS

- Meets Mil-C-16173 Grade 3 Specifications.
- Rapid water displacement.
- High flash point
- Low odor
- Thin protective “dry-to-touch” film.
- Non-staining
- Neutralizes fingerprints.
- Excellent penetrating properties.

TYPICAL APPLICATIONS

- Recommended as a final rust preventative after black oxide coatings.
- Recommended as a final rust preventative after machining or cleaning operations.
- Recommended as a final rust preventative after zinc or manganese phosphate coatings.



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- Parts may be dipped while they are still wet from final rinse stage, since the displaced water rapidly settles to the bottom of the tank where it is periodically drawn off.

TYPICAL PROPERTIES

Film Thickness.....0.03 mls
 Coverage.....approximately 3400 sq. ft./gallon
 Flash point.....143 °F

PHYSICAL DATA

Specific gravity0.812 +/- 0.01
 Appearance and odor..... clear amber solution, non-viscous, solvent smell

CAUTION

Harmful or fatal if swallowed. Contains petroleum distillates. Use with adequate ventilation. Avoid prolonged or repeated contact with skin. If swallowed, do not induce vomiting. Call physician immediately.

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.