



Better Chemistry. **Better Business.**

Metal Guard® 350

Product Code: 2503051
Revised Date: 05/13/2014

Metal Guard® 350 Concentrate

DESCRIPTION

Metal Guard® 350 Concentrate is combined with good mixing at 10% by weight with hot water to produce the equivalent of Hubbard-Hall's **Metal Guard® 350**. Before combining the **Metal Guard® 350 Concentrate** and water, both materials should be heated to 140°F or 60°C. However, **Metal Guard® 350 Concentrate** contains a volatile emulsifier and care should be taken not to heat the material above 155°F or 68°C. After the mixture is emulsified, the solution can be allowed to cool to room temperature. The resultant mixture will produce an emulsion rust preventative offering outstanding lubricity and corrosion protection to blackened, phosphated, and bare metal surfaces. If it becomes necessary to reprocess the parts, the coating may be removed in a hot alkaline cleaner or vapor degreaser.

FEATURES AND BENEFITS

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

TYPICAL APPLICATIONS

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

TYPICAL PROPERTIES

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



Product Bulletin

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PHYSICAL DATA

Specific gravity 0.93 @ 15.6°C
Solubility in water..... Stable Emulsion
Flash Point..... 135°C
Appearance and odor Brown Waxy Solid
pH @ 10% 9.2

WASTE DISPOSAL

Disposal of spent **Metal Guard® 350 Concentrate** 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.