



## Product Bulletin

Better Chemistry. **Better Business.**

**Metal Guard® 200**

**Product Code: 2502000**  
**Revised Date: 05/08/2006**

### Metal Guard® 200

**Metal Guard® 200** is an outstanding oil based water displacing, non-staining rust preventive that will rapidly separate water displaced from metal surfaces following machining or cleaning operations. This product is designed to apply an ultra thin highly protective film on ferrous or non-ferrous metals. These films may be applied to the substrate by dipping, spraying or brushing and prevent atmospheric corrosion even under conditions of high humidity.

**Metal Guard® 200** is recommended for use as a final dip for black oxide and zinc or manganese phosphate coatings. Parts may be dipped while they are still wet from final rinse stage since the displaced water rapidly settles to the bottom of the dip tank where it is periodically drawn off.

**Metal Guard® 200** produces a protective film of approximately 0.04 mils thickness when used as is. In applications where minimal protection is required, this product may be diluted with mineral spirits, kerosene or naphthenic oils of very low viscosity.

#### **PHYSICAL DATA**

Specific gravity .....	0.9251
Vapor pressure .....	less than 0.0001
Percentage of volatility by volume .....	none
Vapor density (air =1) .....	11
Evaporation rate (ether =1) .....	very low
Solubility in water.....	not soluble
Appearance and odor .....	clear oily amber liquid

#### **CAUTION**

Read and understand OSHA safety data sheet prior to handling or working with this product.

Combustible material. Keep away from open flames. Do not use cutting torch on empty containers. Harmful or fatal if swallowed. Contains petroleum distillates. Use with adequate ventilation. Avoid prolonged contact with skin. If swallowed, do not induce vomiting and call physician immediately.

People handling and using this product should be properly trained in the safe handling and use of flammable and combustible materials.



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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.