



# Metal Guard<sup>®</sup> 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.

## Features & Benefits

|                          |                                 |
|--------------------------|---------------------------------|
| Rapid water displacement | Improved corrosion protection   |
| Barium free              | Less environmental restrictions |
| Low odor                 | Better working environment      |

## Physical Data

|                                    |                         |
|------------------------------------|-------------------------|
| Specific gravity                   | 0.96                    |
| Vapor pressure                     | < 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.

**WARRANTY:** HUBBARD-HALL INC. IS NOT RESPONSIBLE FOR THE MISUSE, MISAPPLICATION, OR MISHANDLING OF THIS PRODUCT. SEE THE TERMS AND CONDITIONS OF SALE ON OUR WEBSITE FOR ADDITIONAL TERMS AND CONDITIONS CONCERNING OUR PRODUCTS, INCLUDING BUT NOT LIMITED TO, LIMITATIONS AND DISCLAIMERS OF WARRANTIES AND LIABILITIES.

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For more information on this process,  
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