Metal Guard® 450

Metal Guard 450 is a low odor, non-staining, water-displacing rust preventive with excellent penetrating properties. That is applied to aluminum, steel, Stainless Steel, or copper alloy substrates by spray, immersion, brushing, or flood coating.

Metal Guard 450 meets Mil-C-16173 Grade 3 Specifications.

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 & Benefits

Rapid water displacement	Improved corrosion protection
High flashpoint	Improved safety
Thin protective “dry-to-touch” film	Improved appearance
Neutralizes fingerprints	Improved appearance

Physical Data

Film thickness	0.03 mL
Coverage	Approximately 3400 ft^2/Gal
Flashpoint	143°F
Specific gravity	0.81 ± 0.01
Appearance and odor	Clear amber solution, non-viscous, solvent smell

Typical Applications

- Final rust preventative after Black Magic coatings.
- Final rust preventative after machining or cleaning operations.
- Final rust preventative after Hubbard Hall's Mi-Phos 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 tank where it is periodically drawn off.

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: 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.

Our People. Your Problem Solvers.

For more information on this process,
please call us at 203.756.5521 or email: techservice@hubbardhall.com

Hubbard-Hall holds certifications for **ISO 9001:2015**, Responsible Distribution, as accredited by the **ACD** (Alliance for Chemical Distributors) and as a **Women-Owned Small Business**, as well as maintaining an association with **Omni-Chem**[136]