Metal Guard® 410 HF

Metal Guard 410 HF is a high flash solvent-based, polar water-displacing rust preventive designed for use where higher flash solvents are required. Metal Guard 410 HF is used as received at room temperature and it can be applied by dipping, spraying, or brushing. Metal Guard 410 HF works by displacing moisture on the metal surface, leaving a continuous film of Metal Guard 410 HF directly in contact with the metal surface.

Metal Guard 410 HF meets Military Specifications: Mil-C-16173D Grade 3 & Mil-C-22235A.

Parts blackened with Hubbard-Hall's Black Magic can be immersed in Metal Guard 410 HF while still wet from the final rinse. Metal Guard 410 HF will displace the rinse water to the bottom of the tank, where it can be periodically drawn off. Metal Guard 410 HF is also an excellent final finish for zinc phosphate or manganese phosphate coatings and will give up to 200 hours salt spray.

Metal Guard 410 HF 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 410 HF is formulated to deposit a slightly oily, thin, transparent corrosion resistant finish.

Features & Benefits

Rapid water displacement	Improved corrosion protection
Used as received	No mixing required
Used at ambient temperature	Reduced energy cost
High flash point	Improved safety

Physical Data

Flash point	215°F
Specific gravity	0.838
Appearance and odor	Clear amber solution, non-viscous, solvent smell
Film Thickness	0.23 mils
Coverage	Approx. 2,400 ft^2/Gal

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 a physician immediately. Read and understand Safety Data Sheet and drum labels for this product.

Metal Guard 410 HF should be stored at temperatures above 55°F, if the Metal Guard 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.

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]