



Product Bulletin

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Metal Guard® 180

Product Code: 2501080
Revised Date: 05/08/2006

Metal Guard® 180

Metal Guard® 180 is an outstanding water displacing, non-staining rust preventative 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 dry-to-touch film on ferrous or non-ferrous metals. This film may be applied to the substrate by dipping, spraying or brushing and prevent atmospheric corrosion even under conditions of high humidity.

Metal Guard® 180 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® 180 also has outstanding resistance to emulsification due to alkaline drag-in making it an ideal rust preventive to use in hot alkaline black oxide operations.

Metal Guard® 180 produces protective films of between 0.03 and 0.05 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

Flash point..... 148 °F
Specific gravity 0.815
Appearance and odor..... clear amber solution, non-viscous, solvent smell

CAUTION

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.

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.