

NAV GUARDTM

MIL-PRF-81309G

CORROSION PREVENTATIVE COMPOUND, WATER DISPLACING, ULTRA-THIN FILM

NavGuard is an ultra-thin film, corrosion preventative compound intended for use on any metal surface. It can be used both for initial protection during shipment and storage, and for in-service treatment. The ability of this material to prevent corrosion and displace water make it particularly suited for service use. The combination of properties of MIL-PRF-81309 provide the necessary requirements for a corrosion preventing compound for use in the extreme naval aviation environment. Excellent for indoor protection and short term protection outdoors where surfaces can be recoated when required.

NavGuard I MIL-PRF-81309G TYPE I Class 1 (with Mildew Inhibitor)



Fortified with a synergistic technology designed to prevent the growth of fungi, molds and mildews in the coating both in the wet state and in the dried film while simultaneously preventing corrosion.

NavGuard II MIL-PRF-81309G TYPE II Class 1 (Airframe and General Purpose grade)



Intended for use on moving parts where some lubrication is required, such as hinges, bomb racks and sliding parts. Also suitable for general purpose use.



TECHNICAL SPECIFICATIONS

- Film Appearance: light amber
- Film Thickness: 0.5 mil
- Neutral Salt Fog: >336 hours
- Acid Salt Fog: > 2 cycles* (carbon steel)
- Dielectric Strength: > 28,000 volts
- Functional Penetration: > 90% wetted
- Friction Coefficient: < 0.18
- Flash Point: 65°C / 149°F
- Non-volatile content: 59%
- Storage Stability: 2 years

*Unacceptable corrosion is not more than three rust spots less than 1 mm in diameter, excluding the area within 1/8 inch of the panel edges or hole

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GREAT FOR

- Industrial, medical and offshore helicopters
- Oil rigs, oilfield equipment and service vehicles
- Commercial marine industries and equipment
- Acidic environments such as water and sewage treatment facilities
- Storage of ferrous and aluminum parts



All Products 100% Made In The USA

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