

# **PREVENTOL – 31**

## **MIL-PRF-81309H TYPE III SOFT FILM, AVIONIC GRADE CORROSION PREVENTIVE COMPOUND WATER DISPLACING, ULTRA – THIN FILM**

### **Description:**

The ultra-thin film, corrosion preventive compound is intended for use on any metal surface.

It can be used both for initial protection during shipment and storage, for in-service

treatment, indoor protection and short term protection outdoors where surfaces can be recoated when required.

The combination of properties of **PREVENTOL - 31** provide the necessary requirements for a corrosion preventing compound for use in extreme naval aviation environment.

It is also intended for use on moving parts where some lubrication is required, such as hinges, bomb racks and sliding parts.

### **Advantages:**

- Forms a corrosion resistant and salt water resistant protective film.
- Stops grinding by penetrating deep and lubricating, hinges, locks, mechanisms, threads, etc.
- After its application surfaces remain lubricated.
- Keeps moisture away.
- Protects spare-parts from rust and leaves a thin imperceptible protective film.

### **Intended Usage:**

The ultra thin film, corrosion preventive compound covered by this specification is intended for use on any metal surface. It can be used both for initial protection during shipment and storage and for in-service treatment. It should not be used around liquid oxygen fittings. The ability of this material to prevent corrosion and to displace water and its ease of application when packaged as class 2 (self-pressurized containers) 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. The material is intended for indoor protection and short term protection outdoors where surfaces can be recoated when required. This material is not intended as a substitute for other corrosion preventives specified for protection of surfaces for periods of more than one month.

**Type III, classes 1 and 2, is intended for use on avionic equipment, electrical connector plugs, and contact points.**

### **Specification: MIL-PRF-81309G TYPE III Soft Film (Avionic grade)**



**Classes:** Class 1 - Bulk container (brush, dip or spray application).  
Class 2 - Self-pressurized container (for spray application)

**Directions for Use:**

It is used in full strength by spray, immersion or swab. Allow **PREVENTOL – 31** to dry to form a protective anti-corrosive film.

**Product Removal:**

It is easily removed from parts by solvent wiping, steam gun cleaning or alkaline hot tank immersion.

**Caution:**

Avoid contact with skin and eyes. For further information refer to Material Safety Data Sheet (MSDS).