



I. Product Description

Aviation Protector 100™ is a superior corrosion inhibiting compound that provides long-term corrosion protection of commonly used metals in the aviation and aerospace industries. It protects metal parts and components by displacing moisture and leaving a thin, hard and tack-free protective coating.

II. Applications

Recommended for protection of all areas of the airframe, including: completed assemblies, fuselage, horizontal stabilizers, landing gear structure, landing gear, wheel wells, wing front & rear spar, and wing interior structure.

III. Features & Benefits

- **Meets or Exceeds the Requirements of Boeing Specifications BMS 3-23 and Embraer & Dehavilland's DHMS C4.12.**
- **Long-Term Corrosion Protection.** Thin, hard, tack-free coating protects to prevent corrosion.
- **Displaces Moisture.** Prevents corrosion on metal surfaces to improve equipment life and performance.
- **Resists the Effects of Temperature Changes, Salt Spray and Humidity.** Protects through adverse conditions.
- **Excellent Penetration Properties.** Infiltrates into nooks and crannies to provide complete protection.
- **M.S.D.[L.]™ Material Safety Data Label.** Provides instant access to current safety information should an accident or OSHA inspection occur. Helps comply with **OSHA Hazard Communications Standard 29 CFR 1910.1200.** M.S.D.[L.]™ is available in aerosols only.
- Available in **5 gallon pails, 55 gallon drums, and 16 oz. aerosols** for controlled application of product.

IV. Physical Properties without propellant

Flash Point	104° F	
Odor	Low	
Appearance	Light brown liquid	
Vapor Pressure	1.4 mm Hg	
Vapor Density	Not determined	
VOC Content (Fed)	<u>Aerosol</u> 515 g/L	<u>Bulk</u> 531 g/L
Sara Title III, Sect 313 Chemicals	No	

Boiling Point	315°F
Freezing Point	Not applicable
Solubility	Neg. in H ₂ O
% Volatile	61%
Specific Gravity	0.869 (Aerosol) 0.864 (Bulk)
Propellant	CO ₂

V. Specifications and Approvals

- Meets or exceeds the requirements of Boeing specification BMS 3-23.
- Meets or exceeds the requirements of Dehavilland DHMS C4.12, Type I specification.
- Meets or exceeds the requirements of Embraer for corrosion inhibiting coatings.

VI. Performance Characteristics

Film Thickness	0.3 - 0.5 mils
Drying Time	1 hour
Water Displacement	In accordance with Mil-C-16173 and BMS 3-23
Penetration	>85%
Low Temperature Adhesion	No flaking at @ -40° F in accordance with MIL-C-16173 and BMS 3-23
Removability	Mineral Spirits, CRC Super Degreaser™
Compatibility (per BMS 3-23)	Aluminum and Cadmium plated steel

VII. Directions

- Spray in light, even coats to protect airframe surfaces.
- Allow film to dry thoroughly.
- Two coats may be needed in areas subject to heavy corrosion.
- Due to risk of electric shock, do not use while equipment is energized.

VIII. Disposal

Disposal requirements vary by state and local jurisdiction. All used and unused product should be disposed of in conformance with local, state and federal regulations.

IX. Special Use Warnings

Aerosol Cans

Do not puncture, incinerate or store above 120° F. Exposure to high temperatures may cause can to burst. Do not place in direct sunlight or near any heat source. Aerosol cans will conduct electricity. Keep away from all live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from flash fire and/or electrical shock.

General

Use only in well ventilated area. Ventilation may be improved by opening a window or door or providing mechanical assistance. Avoid continuous breathing of vapor and spray mist. Avoid contact with skin and eyes. If ventilation is not adequate, respiratory protection should be worn. For more information regarding short term and long term exposure, review this product's Material Safety Data Sheet.

DISCLAIMER: This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label. All products should be tested for suitability on a particular application prior to actual use. CRC Industries, Inc. makes no representations or warranties of any kind concerning this data.

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