



I. Product Description

Aviation Protector 1500™ is an excellent long-term corrosion inhibiting compound that provides extended corrosion protection in extreme conditions. Formulated for metals and materials used in the aviation and aerospace industry, it protects all internal surfaces by penetrating, displacing moisture and leaving a non-transferable, tack-free, and durable protective coating. The film is easily detectable with the naked eye, and transparent enough to allow inspection of the surface without the need for removal. Fluorescent dye allows for UV detectability when applied.

II. Applications

Recommended for all areas of the airframe including: galleys, lavatories, lower lobe, completed assemblies, fuselage, horizontal stabilizers, landing gear structure, landing gear, wheel wells, wing front rear spar, wing interior structure.

III. Features & Benefits

- **Meets or Exceeds the Requirements of Boeing specifications BMS 3-29, Douglas DMS 2414 type II and DMS-2150 and Embraer and Dehavilland's DHMS C4.12.**
- **Penetrates Deeply to Displace Moisture.** Prevents corrosion on metal surfaces to improve equipment life and performance.
- **Long-Term Protection.** Leaves a non-transferable, tack-free, protective coating.
- **Resists the Effects of Temperature Changes, Salt Spray and Humidity.** Provides superior protection through adverse conditions..
- **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 Communication Standard 29 CFR 1910.1200. M.S.D.[L.]-is available in aerosols only.
- Available in **5 gallon pails, 55 gallon drums** and **16oz. aerosols** for controlled application of product.

IV. Physical Properties without propellant

Flash Point	106° F (Bulk)) 0° F (Aerosol)	
Odor	Slight	
Appearance	Light brown liquid	
Vapor Density	Not determined	
Vapor Pressure	1.44 mm Hg	
Sara Title III, Sect 313.Chemicals	No	
Prop 65	No	
VOC Content (Fed)	Aerosol 290 g/L	Bulk 380 g/L

Boiling Point	300° F (Initial)
Freezing Point	Not applicable
Solubility	Negligible in H ₂ O
Specific Gravity	0.900 (Bulk) 0.893 (Aerosol)
% Volatile	41.5 (Bulk) 51.0 (Aerosol)
Propellant	CO ₂ (Aerosol only)

V. Specifications and Approvals

- Meets Boeing BMS 3-29 Specification.
- Meets Douglas DMS 2414 Type II Specification.
- Meets Douglas DMS-2150.
- Meets Dehavilland DHMS C4.12, Type II, Grade 4 specification
- Meets Bombardier (CANADAIR) CMS 565-06, Type II specification
- Meets or exceeds the requirements of Embraer for corrosion inhibiting coatings.

VI. Performance Characteristics

Drying Time	3 hours (Non-transferable), 24 hours (Complete)
Film Thickness (undiluted)	0.8 - 1.2 mils
Water Displacement	In accordance with Mil-C-16173 and BMS 3-29
Penetration	>85%
Low Temperature Adhesion	No flaking @ -40° F in accordance with Mil-C-16173 and BMS 3-29
ASTM B-117 (Salt Spray)	>1500 hours
Sprayability	In accordance with Mil-C-16173 and BMS 3-29
Compatibility (per BMS 3-29)	Aluminum and Cadmium plated steel
Removability	CRC Aviation Super Degreaser™ or Mineral Spirits

VII. Directions

- Shake can before using.
- Spray in light, even coats to protect metal surfaces.
- Allow film to dry thoroughly. Drying time can be reduced by increasing air flow in treatment area.
- Two coats may be needed in areas subject to heavy corrosion.
- Due to risk of electric shock, do not use while equipment is energized.
- Tip can upside down and depress nozzle for several seconds after use to prevent clogging.

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.