MIL-PRF-81309H

CORROSIONX AVIATION

CORROSION PREVENTIVE COMPOUND, WATER DISPLACING, ULTRA-THIN FILM

PRODUCT HIT POINTS

- NOW Qualified under MIL-PRF-81309H Type IV Advanced Corrosion Preventive Compound
- Qualified under MIL-PRF-81309H Type II General Purpose Grade
- Ultra-thin film featuring Polar Bonding™ and Fluid Thin Film Coating (FTFC™) technologies
- Sticks to metals like a magnet, so it cannot be displaced by moisture, friction or pressure
- U.S. military proven to be over 2X more effective* than other foggable airframe corrosion prevention and control products
- Foggable film for easy and thorough application without adding appreciable weight to airframe
- Ultra-thin, self-healing film won't attract dust and dirt, and won't interfere with the ability to inspect internal surfaces
- Safe on electronics and avionics

MADE IN USA

DESCRIPTION

CorrosionX Aviation features the latest advances in Polar Bonding and Fluid Thin Film Coating (FTFC) technologies and offers the most complete, thorough, versatile and effective corrosion prevention and control product available in the aviation industry. CorrosionX Aviation is specially formulated to displace moisture, stop corrosion instantly and provide long-lasting protection. Made entirely in the USA, CorrosionX Aviation is qualified under both MIL-PRF-81309 Type II for corrosion prevention and control on airframes as well as general purpose use, as well as MIL-PRF-81309H Type IV, which is the new designation for Advanced Corrosion Preventive Compound. Corrosion Technologies is the only manufacturer in the world with products currently qualified under Type IV.

Used extensively by the U.S. military as well as NATO forces, all CorrosionX Aviation and application equipment have been assigned National Stock Numbers (NSN) by the General Services Agency (GSA) and are available for procurement through the Defense Logistics Agency (DLA).

SUGGESTED APPLICATIONS

Corrosion prevention and control for airframe interiors and metal components • Short-term outdoor or long-term indoor protection for metal parts when surfaces can be re-coated periodically • Lubrication of hinges, cables, bomb racks and any other moving or sliding parts that require lubrication • Battery terminals, electrical and avionic components such as micro switches, cannon plugs, antenna bases, circuit breakers and buss bars

**Source: 2004 Joint Council on Aging Aircraft National Strategy Synopsis Briefing*

CORROSION TECHNOLOGIES 2850 Industrial Lane | Garland, TX 75041 | 972.271.7361 | www.corrosionx.com




PROPERTIES

Appearance:	Transparent	**Autoignition Temperature:**	Not established
Physical State:	Non-viscous liquid	**Volatile by volume (%):**	4
Odor:	Fresh scent	**Vapor Density (Air=1) :**	5.9
Color:	Greenish-brown	**Evaporation Rate (BuAc=1) :**	<1
Viscosity, cSt @ 40°C:	33.2	**Vapor Pressure, mmHg @20°C:**	<0.05
cSt @ 100°C:	7.0	**Solubility in water:**	Insoluble
pH:	Not applicable	**Octanol/Water Partition:**	Not established
Boiling Point/ Range:	>421°F / 216°C	**VOC Content g/l (%):**	0 (0)
Melting Point:	Not established	**Specific Gravity @15.6°C:**	0.895
Flash Point:	143°C / 290°F	**Pour Point:**	-22°F / -30°C
Method:	Cleveland Open Cup	**Non-volatile by Volume (%):**	96
Lower Explosive Limit, vol %:	Not Est.	**Dielectric Strength (KV):**	30
Upper Explosive Limit, vol %:	Not Est.		

PRODUCT CODES

Part Number	UPC Code	Product Description
80102	761866 80102 5	16 oz aerosol
80103	761866 80103 2	16 fl oz trigger spray
84004	761866 84004 8	1 gallon
84005	761866 84005 5	5 gallon
84002	761866 84002 4	30 gallon
84001	761866 84001 7	55 gallon