

### D-5026NS



#### *Product description:*

### **AVIONIC CORROSION PREVENTIVE COMPOUND (MIL-PRF-81309H Type II&III, Class 2) Grade CO<sub>2</sub>**

#### **FEATURES:**

- ▶ A medium to heavy duty water displacing, thin film, corrosion preventive compound

#### **KEY BENEFITS:**

- ▶ Contains no ozone depleting chemicals
- ▶ Prevents corrosion and displaces water
- ▶ Provides superior protection to avionic connectors and components and has lubricating properties to prevent fretting corrosion
- ▶ Protects electrical connectors from corroding
- ▶ Protects cables, surfaces, and interior and exterior aircraft surfaces
- ▶ Free from heavy metals
- ▶ **D-5026NS** contains a thixotropic property to prevent it from disrupting contact between connectors
- ▶ Corrosion protection provides protection in the harshest environments
- ▶ Coating can withstand temperatures up to 105°C (221°F) for only 500 hours cumulative
- ▶ Contains a film that prevents oxidation of the substrate
- ▶ Free of chromates
- ▶ Low toxicity



Rev: 200670  
08-16-2023

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#### KEY BENEFITS:

- ▶ Useful for initial protection during shipment and storage and for in-service treatment of critical areas
- ▶ The cured film can withstand temperatures as low as -55°C (-67°F) and as high as 85°C (185°F) continuously

#### SPECS:

- Airbus CML 12ABD1
- Boeing Alert Service Bulletin 737-24A1148 (CIC for connectors), AD 2002-16-03
- Boeing DPM-5707-1 (QPL)
- Embraer E6125209 (QPL)
- Sikorsky SS 8536 Type 1 (QPL)
- MIL-PRF-81309H Type II & III, Class 2, Grade CO<sub>2</sub> (QPL)

#### APPLICATIONS:

- ✓ Use on highly critical metal surfaces and avionic components
- ✓ **D-5026NS** can be used in conjunction with the **Formit®** extensions to provide targeted spray to areas that may be difficult to reach but need to be coated. Please refer to the **Formit®** technical data sheet for more information.
- ✓ Store at 40°F-100°F (4°C-38°C)
- ✓ Bulk application available as **ZC-026**
- ✓ One aerosol covers approximately 140 ft<sup>2</sup> (13m<sup>2</sup>)
- ✓ For removal of **D-5026NS**, use **D-5640NS**, **Sur-Prep® 3160**, or **Sur-Prep® 3167**

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#### **PHYSICAL PROPERTIES:**

- ▶ **Evaporation Rate:** Faster than ether
- ▶ **Flame Extension:** Flammable
- ▶ **Fungal Growth per Fed-STD-810 Method 508.7:** 0 (No Microbial Growth)
- ▶ **Outgassing per ASTM E-595**
  - **Total Mass Loss (TML):** 49%
  - **Collected Volatile Condensable Material (CVCM):** 27.3%
- ▶ **Shelf Life:** 3 years from date of shipment
- ▶ **Specific Gravity (H<sub>2</sub>O=1):** 0.86
- ▶ **Vapor Density:** Heavier than air

#### **AVAILABLE PACK SIZES:**

- ▶ Case of 12 of 16 fl oz (473 ml) Aerosols-007669
- ▶ Case of 4 each Gallon (4 each of 3.8 L) Cans-009415
- ▶ 5 Gallon (18.9 L) Pail-002095
- ▶ 55 Gallon (208 L) Drum-002076
- ▶ Special Packaging Upon Request



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