

# CORROSION<sup>®</sup> XD

EXTREME DURABILITY CORROSION PREVENTIVE COMPOUND **EXTENDED DUTY**

## PRODUCT DATA

### PHYSICAL CHARACTERISTICS

Color:	Greenish Brown	Volume Solids	95%
Appearance:	Clear Thin Film	Film Thickness	0.0029"
Odor:	Petroleum	pH	NA
Specific Gravity @ 15.6°C	0.903	Vapor Pressure @ 38°C	>1mm Hg.
Viscosity, cSt @ 40°C	47.3	Solubility in Water	Negligible
Boiling Point	>210°C / 410°F	Weight per Gallon	7.38 lbs.
Flash Point c.o.c.	>132°C / 270°F	Coverage	Approx. 1800 sq ft / gal

### PERFORMANCE PROPERTIES

Corrosion Protection:	Salt Spray, hrs.	450	ASTMB-117
	(Film Thickness)	3.0 mils	
	Humidity Cabinet, hrs.	1700	ASTMD-1748
Electrical:	Dielectric Strength	>32,000V (typ.)	ASTMD-877
Lubrication:	Anti-Wear	0.35 mm*	ASTMD-4172

\*Note: The smaller the number, the better the performance. A standard lubricating oil of the same viscosity would yield a value of 1.0 - 1.2 mm.

### COMPATIBILITY WITH MATERIALS

**Rubber:** No visible effect on Nitrile / Buna-N, Viton<sup>®</sup> or Neoprene products. Slight swelling and/or softening of butyl and silicone rubber items.

**Adhesives and Sealants:** Usually no effect but some adhesives may soften and sealants with silicone may experience slight swelling. Recommend a small test sample prior to widespread application.

**Painted Surfaces:** Paints typically used on aircraft, automobiles and machinery are unaffected by CorrosionX Extended Duty. Polishes and some wax coatings may soften by the application of any hydrocarbon product.

**Plastics / Composites:** CorrosionX Extended Duty is compatible with most commonly-encountered plastics such as: acrylic, polyester, nylon, vinyl, Delrin<sup>®</sup>\*, PTFE, Formica<sup>®</sup>\*\*, polyethylene and polypropylene. Should there be any question when other types of plastics are involved, it is suggested a small sample be tested.

**Fabrics:** CorrosionX Extended Duty will be absorbed into the fibers of most fabrics, thereby creating slight staining. The stain is not permanent and may be removed with naphtha or mineral spirits, industrial laundry or dry cleaning.

**Storage:** Bulk: Store at room temperatures (50°F or more). Aerosols not more than 120°F.

**Shelf Life:** Bulk: Indefinite (as long as container remains capped). Aerosols: 3 years

\*Registered trademark of E.I. Dupont de Nemours

\*\* Registered trademark of Formica Corp