



## PRODUCT DATA SHEET

### PHYSICAL CHARACTERISTICS

Color	Greenish Brown	Volume Solids	>92%
Appearance	Clear	Film Thickness	0.0004"
Odor	Fresh Scent	pH	NA
Specific Gravity @ 15.6°C	0.895	Vapor Pressure @ 38°C	>1mm Hg.
Viscosity, cSt @ 40°C	33.2	Solubility in Water	Slightly Emulsifiable
cSt @ 100°C	7.0	Boiling Point	>200°C
Flash Point c.o.c.	143°C	Weight per Gallon	7.46 lbs.
		Coverage	Approx. 3,300 sq ft / gal

### PERFORMANCE PROPERTIES

Corrosion Protection:	Salt Spry, hrs.	>336*	ASTM B117
	(Film Thickness)	0.19 mils	
	Humidity Cabinet, hrs.	>1320	ASTM D1748
Electrical:	Dielectric Strength	>39,000V typ.	ASTM D877
Lubrication:	Load Carrying Capacity	750 lbs.	ASTM 2625 Method B
	Anti-Wear	0.249 mm**	ASTM D4172
	Friction Coefficient	0.083	

\*Polished 1020 carbon steel panel. 0 - <1% surface rust

\*\*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

**Rubber:** No visible effect on Nitrile / Buna-N, Viton® or Neoprene products. Slight swelling and/or softening of butyl 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. Polishes and some wax coatings may soften by the application of *any* hydrocarbon product.

**Plastics / Composites:** CorrosionX is compatible with most commonly-encountered plastics such as: acrylic, polyester, nylon, vinyl, Delrin®, PTFE, Formica®, 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 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.

**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

