

MILITARY APPROVED, MIL-C-11796C

DESCRIPTION

NOX-RUST® 507 and **NOX-RUST® 509** are corrosion preventive compounds designed for the US Military that provide a long-term effective barrier against atmospheric corrosion. These products require hot application, and the resulting film is firm and tan in color. Both products are approved under for use as preservative and sealing compounds under **Military Specification MIL-C-11796C** titled “Corrosion Preventive Compound, Petrolatum, Hot Application.”

Both **NOX-RUST® 507** and **NOX-RUST® 509** are approved by the US Military listed on **QPL-11796C**. **NOX-RUST® 507** is approved under **Class 1** and **Class 1A**. **NOX-RUST® 509** is listed under **Class 3**.

Approved For Military Specification MIL-C-11796C

LABORATORY DATA	Class 1 & 1A	Class 3
	507	509
Liquid Appearance	Amber	Amber
Dry Film Color	Amber	Amber
Film Type	Wax-like	Wax-like
Non-Volatiles by Weight	100%	100%
Non-Volatiles by Volume	100%	100%
Specific Gravity	0.901	0.92
Weight per Gallon	7.5	7.66
V.O.C. (lbs/gal minus water)	0	0
Viscosity	20 cTs @ 212°F	35 cTs @ 212°F
Flash Point	430°F	350°F
Dry Film Thickness	15 – 50 mils	1 mil
Coverage	7 – 15 sq.ft/lb	200 sq.ft/lb
Melting Point	170°F	160°F
Removal: Wet and Dry Film	Military Spirits or Citrus Based Cleaners	

ACCELERATED CORROSION TEST	507	509
5% Salt Spray (Hours) ASTM* B-117	500	500
100% Relative Humidity (Hours) ASTM* D-1748	720	720
Weathering Hours Federal Standard 141, Method 6151	300	300
Indoor Storage	5 - 10 years	5 years
Outdoor Storage	1 year	1 year

*ASTM (American Society for Tests and Materials)

APPLICATION

These products are supplied in open head containers and is a solid at room temperature. The products can be applied to clean, dry metal surfaces in the molten state by hot airless spray or dip at recommended temperatures.

NOX-RUST® 507 is recommended to be applied by dip at 180°F.

NOX-RUST® 509 is recommended to be applied by dip at 200°F.

These products can also be applied at warm temperatures by brush or swab.

Please Refer to SDS or Contact Daubert Chemical Company for Additional Information



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