

# PRODUCT INFORMATION

## TECTYL MILITARY A-A-59295

TECTYL® 517 and TECTYL® 518 are cold application corrosion preventive compounds designed for rustproofing transportation equipment in the US Military. These products meet **Military Specification A-A-59295**, as well as previous versions designated as **MIL-C-83933** and **MIL-C-62218**.

TECTYL® 517 meets Types 1 and 2. TECTYL® 518 meets Type 1. These products possess dielectric strength of 800 volts per dry mil of coating and provide galvanic corrosion protection and can be applied on battery terminals for insulating purposes.

**Compliant with  
Military Specification A-A-59295  
(Superseded MIL-C-83933 and MIL-C-62218)**

LABORATORY DATA	Type 1 and 2	Type 1
	517	518
Liquid Appearance	Black	Amber
Dry Film Color	Black	Tan
Film Type	Semi-firm	Semi-firm
Non-Volatiles by Weight	56.2%	57.7%
Non-Volatiles by Volume	46.5%	48.8%
Specific Gravity	0.95	0.94
Weight per Gallon	7.91	7.85
V.O.C. (lbs/gal minus water)	3.47	3.29
Viscosity	3,000 cPs Spindle #3 @ 10 rpm	2,600 cPs Spindle #3 @ 10 rpm
Flash Point	105°F	105°F
Dry Film Thickness	5 mils	5 mils
Coverage (sq.ft/gal)	144	155
High Flow Temperature	225°F	225°F
Cure Time: Weatherproof	4 hours	
Cure Time: Full Cure	24 hours	
Removal: Wet and Dry Film	Mineral Spirits or Citrus Based Cleaners	

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<b>ACCELERATED CORROSION TESTS</b>	<b>517</b>	<b>518</b>
5% Salt Spray (Hours) ASTM* B-117 @ Recommended DFT	1,500	1,500
100% Relative Humidity (Hours) ASTM* D-1748 @ Recommended DFT	3,000	3,000
Dielectric Strength (volts/dry mil) ASTM* D-149-92	800	800

## APPLICATION

These products can be applied using conventional rustproofing equipment. Daubert recommends a 10:1 airless pump or greater that can deliver 800 – 1200 psi to a 0.017 to 0.025 reverse-a-clean tip. Daubert Chemical Company recommends the temperature be 50-95°F at the time of application.

\*ASTM (American Society for Testing and Materials)

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

### DAUBERT CHEMICAL COMPANY

4700 South Central Avenue, Chicago, IL 60638  
1-800-688-0459 | 708-496-7350 | Fax: 708-496-7367

Visit our website at [www.daubertchemical.com](http://www.daubertchemical.com)  
Our e-mail is [dauchem@daubert.com](mailto:dauchem@daubert.com)

