

# PRODUCT INFORMATION

## UNDERBODY WAXES, HIGH PERFORMANCE

TECTYL® underbody waxes provide long term, high-performance corrosion protection compared to that provided by basic asphalt-based underbody coatings used in the underside of vehicles. These products consist of gelled calcium sulfonate corrosion preventive compounds cutback with mineral spirits. The solvent-based carrier allows for the applied liquid coating to dry quickly. It offers excellent adhesion to a variety of metal and plastic materials and can be applied over previously coated surfaces. The wax-like film repels water more readily than asphalt-based coatings and can even self-heal when disrupted by minor damage. These two properties improve the longevity and performance of the coating. The formed films will remain flexible at low temperatures.

PRODUCT INFORMATION

LABORATORY DATA	517	518	185GW Gray	185GW Black	155FF
Liquid Appearance	Black	Amber	Gray	Black	Black
Dry Film Color	Black	Tan	Gray	Black	Black
Film Type	Semi-firm	Semi-Firm	Semi-Firm	Semi-Firm	Firm
Non-Volatile by Weight	56.20%	57.70%	59%	59.60%	66.70%
Non-Volatile by Volume	46.50%	48.80%	46.80%	49.60%	57.20%
V.O.C. (lbs/gal minus water)	3.47	3.29	3.42	3.22	2.73
Viscosity Brookfield RV	3,000 cPs Spindle #3 @ 10 rpm	2,600 cPs Spindle #3 @ 10 rpm	16,000 cPs Spindle #4 @ 10 rpm	12,000 cPs Spindle #4 @ 10 rpm	17,000 cPs Spindle #5 @ 10 rpm
Weight per Gallon	7.91	7.85	8.41	8.08	8.31
Flash Point	105°F	105°F	105°F	105°F	105°F
Specific Gravity	0.95	0.942	1.01	0.97	0.998
Wet Film Thickness	10.8 mils	10.2 mils	9 - 10 mils	9 - 10 mils	7 - 9 mils
Dry Film Thickness	5 mils	5 mils	4 - 5 mils	4 - 5 mils	4 - 5 mils
Coverage (sq.ft/gal)	144.0	155	160	178	202
Cure Time: Weatherproof	4 hours				
Cure Time: Full	24 hours				
Removal: Wet and Dry Film	Mineral Spirits or Citrus Based Solvents				

<b>ACCELERATED CORROSION TESTS</b>	<b>517</b>	<b>518</b>	<b>185GW Black</b>	<b>185GW Gray</b>	<b>155FF</b>
5% Salt Spray (Hours) ASTM* B-117 @ Recommended DFT (2x4x1/8 in. Polished Steel Panels)	1,500	1,500	3,384	3,384	2,000
100% Relative Humidity (Hours) ASTM* D-1748 @ Recommended DFT (2x4x1/8 in. Polished Steels Panels)	3,000	3,000	3,000	3,000	3,000
Weathering Hours	N/A	N/A	2,000 <i>ASTM* G-25 Method A- Xenon Lamp ASTM* G-53 QUV Cyclic Ultraviolet/Condensation Tests</i>	2,000 <i>ASTM* G-25 Method A- Xenon Lamp ASTM* G-53 QUV Cyclic Ultraviolet/Condensation Tests</i>	1,500 <i>Federal Standard 141, Method 6151</i>

## APPLICATION

**TECTYL® 517** meets Military Specifications **A-A-59295**, formerly (**MIL-C-0083933A**, **MIL-C-62218A**).

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.

**TECTYL® 155FF** due to its high-solids and low VOC will require a higher ratio airless pump of 20:1 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)

\*\*\*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)

