

# PRODUCT INFORMATION

## LONG-TERM RUST PREVENTATIVE COATINGS WAX-BASED

The legacy of **TECTYL**® is rooted in the “506” product line of long-term rust preventive coatings. The products deposit a firm, wax-like, pliable film. These versatile coatings provide significant outdoor protection for metal parts that are exposed to a variety of environmental elements. They are excellent for protecting metal goods from corrosion encountered during domestic and overseas shipping.

In addition to use a rust preventive for spare parts, **TECTYL**® 506 has long been specified as a bond-breaker applied to dowel bars used in contraction joints, which serves to prevent the concrete from bonding to the dowel bars.

**TECTYL**® 506EH and **TECTYL**® 506EH-WD are more concentrated versions of **TECTYL**® 506, whereas **TECTYL**® 400C is a more easily removable version of 506 and has the thinnest dry film. **TECTYL**® 506EH-WD contains additional water displacing compounds for marine applications.

LABORATORY DATA	400C	506	506EH	506EH-WD
Liquid Appearance	Amber			
Dry Film Color	Amber			
Film Type	Firm			
Non-Volatiles by Weight	45%	54.3%	62%	60%
Non-Volatiles by Volume	40%	49.2%	57%	55.1%
Specific Gravity	0.85	0.864	0.88	0.873
Weight Per Gallon	7.08	7.20	7.33	7.27
V.O.C. (lbs/gal minus water)	3.9	3.28	2.78	2.91
Viscosity	50 cSt @ 100°F	80 cSt @ 100°F	140 cSt @ 100°F	140 cSt @ 100°F
Flash Point	105°F			
Wet Film Thickness	2.5 mils	1.6 mils	4.5 mils	
Dry Film Thickness	1 mil	1.3 mils	2.5 mils	
Coverage (sq.ft/gal)	1,600	600	350	340
Dry Time to Touch	4 hours			
Cure Time	24 hours			
Removal: Wet and Dry Film	Mineral Spirits or Citrus Based Cleaners			

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<b>ACCELERATED CORROSION TESTS</b>	<b>400C</b>	<b>506</b>	<b>506EH</b>	<b>506EH-WD</b>
5% Salt Spray (Hours) ASTM* B-117 @ Recommended DFT (2x4x1/8 in. Polished Steel)	1,000	1,000	1,500	1,500
100% Relative Humidity (Hours) ASTM* D-1748 @ Recommended DFT (2x4x1/8 in. Polished Steel)	1,500	1,500	2,000	2,000
Indoor Exposure	3 years	3 years	4 years	4 years
Outdoor Exposure	1 year	1.5 years	2 years	2 years

## APPLICATION

These products are formulated to be used as supplied. Ensure uniform consistency prior to use. Continued stirring is generally not required.

These products can be applied by brush, spray, or dip. Film thickness provided on page 1 is for dip application.

If the product thickens due to cold storage or loss of solvent during use, Daubert Chemical recommends aliphatic solvents, such as mineral spirits.

\*ASTM (American Society for Testing and Materials)

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

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