

PRODUCT INFORMATION

HOT-APPLIED PRESERVATIVE AND SEALING COMPOUNDS

Military Specification MIL-C-11796C

TECTYL® 435D and TECTYL® 437 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 TECTYL® 435D and TECTYL® 437D are approved by the US Military listed on **QPL-11796C**. TECTYL® 435D is approved under **Class 1** and **Class 1A**. TECTYL® 437D is listed under **Class 3**.

Approved For Military Specification MIL-C-11796C

LABORATORY DATA	Class 1 & 1A	Class 3
	435D	437D
	Liquid Appearance	Tan
Dry Film Color	Tan	Tan
Film Type	Firm, Wax-like	Firm, Wax-like
Non-Volatiles by Weight	>99%	>99%
Non-Volatiles by Volume	>99%	>99%
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
Penetration @ 77°F	49 mm	211 mm
Flash Point	350°F	350°F
Dry Film Thickness	1.5 mils	1.5 mils
Coverage (sq.ft/gal)	145	145
High Flow Temperature	150°F	162°F
Melting Point	175°F	211°F
Removal: Wet and Dry Film	Mineral Spirits or Citrus Based Cleaners	

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PROTECTIVE PROPERTIES	Class 1 & 1A	Class 3
	435D	437D
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 Testing 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.

TECTYL® 435D is recommended to be applied by dip at 180°F.

TECTYL® 437D 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

DAUBERT CHEMICAL COMPANY

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