

PRODUCT INFORMATION

THIN FILM RUST PREVENTIVE OILS

Thin film rust preventives provide a convenient and cost-effective solution for short-term protection of metal surfaces on moving parts, spare parts, and other metal equipment. Thin film rust-preventives have a very low viscosity making them easy to brush or spray apply onto metal surfaces with relatively complex shapes. The light film penetrates cracks and crevices, preventing corrosion deep within the metal structure. These coatings dry quickly and leave a light, sometimes non-discernable sheen which reflects light and provides a pleasant appearance.

TECTYL® 861SGD, 283S17HF, 287, 848DHF, and 275 are solvent-based products formulated in aliphatic solvents.

TECTYL® 714, TECTYL® 900, and TECTYL® 802A are solvent-free products formulated to have a high flash point.

LABORATORY DATA	861SGD	283S17HF	287	275	848DHF	714	900	802A
Liquid Appearance	Light Amber	Light Amber	Amber	Light Amber	Amber			
Dry Film Color	Transparent							Amber
Film Type	Non-Discernable		Oily					
Flash Point	105°F	152°F	140°F	142°F	140°F	275°F	288°F	325°F
Weight per Gallon	6.61	6.7	7.04	7.14	7	7.49	7.32	7.61
Specific Gravity	0.79	0.85	0.85	0.857	0.84	0.9	0.88	0.913
Non-Volatile by Weight	10%	16.80%	29%	37%	36%	71%	71%	97.50%
Non-Volatile by Volume	8.30%	14%	22.80%	32%	30.90%	66.50%	67.20%	97%
Viscosity	105 cSt @100°F	5 cSt @ 100°F	3.9 cSt @ 100°F	4.9 cSt @ 100°F	8.6 cSt @100°F	19 cSt @100°F	11 cSt @100°F	99 cSt @ 100°F
V.O.C. (lbs/gal minus water)	5.9	5.6	5	4.56	4.5	2.2	1.9	0.45
Dry Film Thickness	0.06 mils	0.10 mils	0.3 mils	0.20 mils	0.13 mils	0.3 mils	0.2 mils	0.40 mils
Coverage (sq.ft/gal)	2,500	3,000	1,400	2,566	3,800	6,600	9,000	3,860
Cure Time	4 hours					N/A		
Removal: Wet and Dry Film	Mineral Spirits or Citrus Based Cleaners							

ACCELERATED CORROSION TEST	861 SGD	283S17HF	287	275	848 DHF	714	900	802A
100% Relative Humidity (Hours) ASTM* D-1748 @ Recommended DFT	3,264	2,000	750	4,220	1,200	984	984	1,300
5% Salt Spray (Hours) ASTM* B-117 @ Recommended DFT	N/A	96	24	24	N/A	48	N/A	96
Estimated Time of Indoor Protection	6 months	1 year	1 year	3 years	1 year	1 year	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.

All products are commonly applied by dip, brush, or spray.

If the product thickens due to cold storage or loses of solvent during use, contact Daubert Chemical Company. DO NOT THIN. Incorrect thinning will affect film build, dry time, and product performance. It is recommended that the ambient and product temperature be 50-95°F at the time of application.

TECTYL® 900 is approved by Military Specification, **MIL-PRF-32033, QPL Reference Number LP-7062.**

TECTYL® 283S17HF is approved by **Hamilton Sunstrand Engineering Standard MS02.43 Rev AF.**

TECTYL® 275 meets Military Specification, **MIL-C-15074E.**

*ASTM (American Society for Testing and Materials)

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

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