

PRODUCT INFORMATION

USA MILITARY-SPECIFIED CORROSION PREVENTIVE COATINGS, VARIOUS SPECIFICATIONS

These TECTYL® products are formulated to meet unique military specifications. These five grades of rust preventatives ranging from oils to waxes, are especially suited for protection of a wide variety of vital components - from highly machined parts to rough or heavy castings – during shipment and storage. This product line consists of solvent and oil-based corrosion preventives formulated for industrial applications. The cured thin films provide excellent indoor/outdoor protection for shipments of industrial parts in transit.

TECTYL® 828 is a solvent free, hot application rust preventative for long-term protection of machined parts in indoor and outdoor storage conditions.

TECTYL® 275 is a solvent based rust preventative that deposits a non-discernable oil film that is used to suppress fingerprints.

TECTYL® 802A is a solvent free, lubricating oil and corrosion preventative designed for the interior gear assemblies, transmissions, and differentials.

TECTYL® 859A is a volatile corrosion inhibitor used as a preservative in closed systems.

TECTYL® 900 is a solvent free, water displacing, low viscosity lubricant designed for use at ambient and low temperatures.

USA MILITARY-APPROVED PRODUCTS

LABORATORY DATA	828	275	802A	859B	900
Military Specification	MIL-PRF-18487A Class 3	MIL-C-15074E	MIL-PRF-3150	MIL-PRF-46002D Grade 1	MIL-PRF-32033
Liquid Appearance	Amber	Light Amber	Amber	Amber	Amber
Dry Film Color	Amber	Transparent	Amber	Amber	Transparent
Film Type	Wax-like	Oily	Oily	Oily	Oily
Non-Volatiles by Weight	97%	37%	97.50%	85.8%	71%
Non-Volatiles by Volume	96%	32%	97%	83.7%	67.20%
Specific Gravity	0.87	0.857	0.913	0.89	0.88
Weight per Gallon	7.25	7.14	7.61	7.41	7.32
Viscosity	20 cSt @ 212°F	4.9 cSt @ 100°F	99 cSt @ 100°F	12 cSt @ 100°F	11 cSt @ 100°F
V.O.C. (lbs/gal minus water)	0.30	4.56	0.45	1.05	1.9
Flash Point	300°F	142°F	325°F	272°F	288°F
Dry Film Thickness	1.5 mils	0.20 mils	0.40 mils	0.17 mils	0.2 mils
Coverage (sq.ft/gal)	1,000	2,566	3,860	8,303	9,000
Removal: Wet and Dry Film	Mineral Spirits or Citrus Based Cleaners				

PRODUCT INFORMATION

ACCELERATED CORROSION TEST	828	275	802A	859B	900
	MIL-PRF-18487A Class 3	MIL-C-15074E	MIL-PRF-3150	MIL-PRF-46002D Grade 1	MIL-PRF-32033
5% Salt Spray (Hours) ASTM* B-117	500	24	96	N/A	N/A
100% Relative Humidity (Hours) ASTM* D-1748	720	4,220	1,300	800	984
Weathering (Hours) Federal Standard 141, Method 6151	300	N/A	N/A	N/A	N/A
Water Displacing	No	Yes	No	Yes	Yes
Indoor Protection	1 year	3 years	2 years	1 year	2 years
Outdoor Protection	6 months	Not Recommended			

*ASTM (American Society for Testing and Materials)

APPLICATION

TECTYL® 828 is supplied in open head containers and is a solid at room temperature. **TECTYL® 828** can be applied to clean, dry metal surfaces in the molten state by hot airless spray or dip at temperatures between 150-190°F. **TECTYL® 828** can also be applied at warm temperatures by brush or swab.

TECTYL® 275, **TECTYL® 802A** and **TECTYL® 900** may all be applied by spray or dip. Daubert Chemical Company recommends that the ambient and product temperature be 50 - 95°F (10 - 35°C) at time of application.

TECTYL® 859B can be used at full strength in ferrous metal systems. Where non-ferrous metals are present, **TECTYL® 859B** must be diluted 2% or less, depending on the metals present. To protect upper cylinder walls and valves in diesel or gasoline engines, 8 ounces of **TECTYL® 859B** are introduced through the air filter and sucked into the cylinders by turning over the motor with ignition off. To forestall rust, which will foul a diesel injection system, 1 ounce of **TECTYL® 859B** per 7 ½ gallons (1 cubic foot) capacity is fogged into the fuel tanks. If tank contains oil or gasoline, 1 ounce of **TECTYL® 859B** is added for each gallon present.

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

DAUBERT CHEMICAL COMPANY

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