

PRODUCT INFORMATION

WATER-BASED RUST PREVENTIVE PAINTS, FIRM FILM

TECTYL® water-based paints are low-VOC coatings that provide a layer of corrosion protection suitable as a standalone coating or a base-layer primer that can be painted over. These products leave a cured film that is hard yet flexible, making them ideal for complex shapes. The coating can be brushed, dipped, or sprayed. Once applied, the coating provides an effective barrier against corrosive environments for ferrous and non-ferrous fabrications and industrial components. The resulting dry film leaves no residue when touched, making the coated goods easy to handle during sorting and stacking activities in manufacturing environments.

PRODUCT INFORMATION

LABORATORY DATA	300G Clear	300G Black	2423 HAPS FREE	2472 VC
Liquid Appearance	Light Amber	Dark Blue		
Dry Film Color	Clear	Black		
Film Type	Hard			
Non-Volatile by Weight	28%	25.5%	55.50%	52.80%
Non-Volatile by Volume	24%	24%	44%	37%
Specific Gravity	1.014	1.013	1.26	1.331
Weight per Gallon	8.45	8.44	10.5	11.09
VOC (lbs/gal minus water)	3.30	2.9	1.57	0.21
Viscosity	45 sec Zahn EZ-2	28 sec Zahn EZ-2	85 Stormer Ku	16 sec Zahn Ez-2
Flash Point	136°F	201°F	None; Water-Based	None; Water-Based
pH	8.5	9	9.5	5
Wet Film Thickness	6 - 8 mils	4 - 8 mils	11 - 14 mils	5 - 7 mils
Dry Film Thickness	1.5 - 2 mils	1 - 2 mils	5 - 6 mils	1.0 mil Dipped
Coverage (sq.ft/gal)	256	224	117	228
Removal: Wet Film	Soap and Water (up to 30 minutes)			
Removal: Dry Film	Not Intended for Removal			

ACCELERATED CORROSION TESTS	300G Clear	300G Black	2423 HAPS FREE	2472 VC
5% Salt Spray (Hours) ASTM* B-117 @ Recommended DFT (2x4x1/8 in. Polished Steel Panels)	300	300	1,800	1,000
100% Relative Humidity (Hours) ASTM* D-1748 @ Recommended DFT (2x4x1/8 in. Polished Steel Panels)	500	500	1,000	1,000
Gloss (60/20)	80/45	80/45	45/15	N/A
Mandrell Bend (180°)	Excellent	Excellent	Excellent	Excellent
Pencil Hardness	H	H	H	H
Weathering Hours ASTM* G-23 @ Recommended DFT	500	500	1,000	N/A
Gravelometer @ Room Temperature	N/A	N/A	6A- Excellent	N/A

APPLICATION

TECTYL 2423® HAPS FREE is an industrial coating suitable for intermodal chassis/containers, rail cars, roads, and construction equipment.

TECTYL® 2472 VC is an industrial coating suitable for the transportation and automotive industries.

TECTYL® 300G CLEAR and **TECTYL® 300G BLACK** are suitable for industrial components and is best applied by dipping.

TECTYL® 300G CLEAR, TECTYL® 300G Black, and TECTYL® 2472 VC can be dipped or sprayed using conventional or HLVP spray gun.

TECTYL® 2423 HAPS FREE can be applied by air assist or airless spray.

These products should be applied at temperatures above 50°F and below 95°F to allow for proper film formation. These products are water-based and should not be exposed to freezing conditions. Daubert recommends that these products be stored above 40°F and below 100°F.

*ASTM (American Society for Testing and Materials)

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

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