

# 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

2423 HAPS					
LABORATORY DATA	300G Clear	300G Black	FREE	2472 VC	3217
Liquid Appearance	Light Amber	Dark Blue			Opaque, light-colored emulsion
Dry Film Color	Clear	Black			Clear
Film Type	Hard				
Non-Volatile by Weight	28%	25.5%	55.50%	52.80%	27.2%
Non-Volatile by Volume	24%	24%	44%	37%	23.2%
Specific Gravity	1.014	1.013	1.26	1.331	1.05
Weight per Gallon	8.45	8.44	10.5	11.09	8.75
VOC (lbs/gal minus water)	3.30	2.9	1.57	0.21	1.12
Viscosity	45 sec Zahn EZ-2	28 sec Zahn EZ-2	85 Stormer Ku	16 sec Zahn Ez-2	Brookfield RV Spindle #6 at 10 rpm; 2,250 cPs
Flash Point	136°F	201°F	None; Water-Based	None; Water-Based	None; Water-based
pH	8.5	9	9.5	5	9.5
Wet Film Thickness	6 - 8 mils	4 - 8 mils	11 - 14 mils	5 - 7 mils	6 mils
Dry Film Thickness	1.5 - 2 mils	1 - 2 mils	5 - 6 mils	1.0 mil Dipped	1.4 mils
Coverage (sq.ft/gal)	256	224	117	228	320
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	3217
5% Salt Spray (Hours) ASTM* B-117 @ Recommended DFT (2x4x1/8 in.)	300 (Cold Rolled Steel)	300 (Cold Rolled Steel)	1,800 (Polished Steel)	1,000 (Polished Steel)	168 (Polished Steel)
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	Flat	Glossy
Mandrell Bend (180°)	Excellent	Excellent	Excellent	Excellent	N/A
Pencil Hardness	H	H	H	H	N/A
Weathering Hours ASTM* G-23 @ Recommended DFT	500	500	1,000	N/A	GM
Gravelometer @ Room Temperature	N/A	N/A	6A- Excellent	N/A	Excellent

\*ASTM (American Society for Testing and Materials)

\*\*Refer to Tectyl 3217 PI Sheet for Additional Information

## 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.

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

### DAUBERT CHEMICAL COMPANY

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