



# New DuPont™ Corrosion Resistant Coating

The first truly water based, low VOC, and easy-to-use coating offering outstanding corrosion resistance of up to 2,500 Salt Spray Hours.

## Product Overview

DuPont has renewed its technical expertise to provide environmentally friendly coating systems that combat the most corrosive environments. One of its newest offerings is a true water based one coat that provides excellent corrosion resistance.



Specifically designed for coating off shore, chemical processing, and water treatment fasteners on substrates such as carbon steel, stainless steel, and aluminum.



## Performance

- Targeted for applications requiring outstanding corrosion resistance, anti-galling, and dry lubrication.
- Excellent salt spray test results showing corrosion resistance even without surface pretreatment.
- Corrosion resistance can be enhanced if used with recommended primers and substrate pretreatments.
- Low coefficient of friction reduces required torque.
- Excellent corrosion resistance to oil and gas fluids
- Excellent chemical resistance

## Features and Benefits

- Water Based System
- Low Volatile Organic Compounds (VOC) Emissions(less than 3 lbs/gal)
- Free of heavy metals
- Easy Clean-up: No special solvents needed for clean up or thinning, only water.

## Product Codes | Colors

- 857G-508 | Red
- 857G-018 | Blue
- 857G-575 | Yellow
- 857G-519 | Black

## Product Availability

Next Day shipping: products are stocked by Intech Services

Manufacturing Benefits	NEW DuPont Technology	Typical Fastener Coatings
VOC Emissions <sup>1</sup>	< 3.0 lbs/gal	2.84 - 5.2 lbs/gal
Water Clean Up	Yes	No
Flash Dry Temperature	302° F (150° C)	212° F (100° C)
Bake Schedule	450° F (232° C) X 15 min	400° F (204° C) X 15 min
Coefficient of Friction	0.05 - 0.22	0.05 - 0.10
Salt Spray Test <sup>2</sup>	1000 hrs	120 hrs
Salt Spray per SPIIC <sup>3</sup>	> 3000 hrs	> 1500 hrs
Wear Resistance (mg/kg Kcycles)	45-55	48.8
Hydraulic Fluid Exposure	90 days no change	N/A
UV Exposure <sup>4</sup>	10.42% loss	43.88% loss
Rig Wash Exposure (24 hours)	24 hrs no change	N/A
Kesternich DIN 50018	30 plus cycle w/ no change	30 cycle with no change

<sup>1</sup> VOC less exempt as calculated per US regulations  
<sup>2</sup> ≤ 5% red rust. Substrate tested is carbon steel.  
<sup>3</sup> ≤ 10% red rust. Fastener tested is carbon steel with .3 mils with zinc plate.  
<sup>4</sup> 12 months simulated weathering. Tested per SAE J1960.