

JMN SPECIALTIES, INC.

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PRODUCT BULLETIN

RP-645 - MIL-C-16173

Corrosion Preventive Compound, Solvent Cutback, Cold Application

General Description

RP-645 is an dark colored, asphalt based, resilient coating designed to provide long term protection of metal surfaces. **RP-645** is applied as a solution in a volatile solvent. The residual film, after solvent evaporation, is highly resistant to salt water and salt spray. **RP-645** is supplied pre-dispersed in mineral spirits to simplify handling and application of the product. **RP-645** is formulated to meet the standards found in MIL-C-16173, Grade I and in testing was found to meet or exceed the performance parameters of that specification.

Performance Results

Neat RP-645	Film Thickness		Days to Fail	Days to Fail	Days to Fail	Hours
	Mils	Microns	Humidity Cabinet on Polished Steel	5% Salt Spray	Salt Water Immersion	Fail QUV
	3.50	88.90	60+	45	14	1200+

Application

RP-645 can be applied by dipping the parts to be protected in a vat or spraying the parts to be protected with air sprayers, pump type sprayers or by pouring the product over the parts. Removal of protective films is accomplished by using a steam cleaner or washing the parts in mineral spirits.

Physical Properties

Appearance	Thick, Dark Brown to Black Liquid
Odor	Solvent Odor
Specific Gravity	0.90
Flash Point (minimum)	108 ^B F
Melting Point	Liquid as Provided

RP-645 meets or exceeds the following MIL-SPEC: MIL-C-16173, Grade 1.

Availability

RP-645 is available in UN approved 5 gallon pail, 55 gallon drums and bulk quantities.

Handling

Observe warning label on containers. Normal precautions for industrial chemicals apply.

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