

JMN SPECIALTIES, INC.

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PRODUCT BULLETIN

MIL-C-16173 Grade 4

Corrosion Preventive Compound, Solvent Cutback, Cold Application

General Description

Mil-C-16173 Grade 4 is an dark colored, high melting point, resilient coating designed to provide long term protection of metal surfaces. **Mil-C-16173 Grade 4** is applied as a solution in a volatile solvent. The residual film, after solvent evaporation, is highly resistant to salt water and salt spray. **Mil-C-16173 Grade 4** is supplied pre-dispersed in mineral spirits to simplify handling and application of the product.

Performance Results

Neat Product	Film Thickness		Days to Fail Humidity Cabinet on Polished Steel	Days to Fail 5% Salt Spray
	Mils	Microns		
	4.00	101.6	60+	60+

Application

Mil-C-16173 Grade 4 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 Liquid
Odor	Solvent Odor
Specific Gravity	0.90
Flash Point (minimum)	108 ^B F
Melting Point	Liquid as Provided

Mil-C-16173 Grade 4 meets or exceeds the following MIL-SPECS: MIL-C-83933, MIL-C-0083933A (MR), MIL-C-16173E, Grade 4, Mil-C 11796 class 3, Class I, MIL-C-62218 (AT).

Availability

Mil-C-16173 Grade 4 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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