PRODUCT BULLETIN

MIL-C-16173E Grade 4
Corrosion Preventive Compound, Solvent Cutback, Cold Application

General Description

Mil-C-16173E Grade 4 is a modern version of the World War II cosmoline type corrosion preventative. It is a dark colored, high melting point, resilient coating designed to provide long term protection of metal surfaces. **Mil-C-16173E 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-16173E 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	80+	80+

Application

Mil-C-16173E 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. Recommended film application, 1.0 mil minimum for best protection. Theoretical Coverage at 1.0 mil is approximately 820 square feet per gallon.

Physical Properties

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

Mil-C-16173E 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), and MIL-P-116J, Type P-19.

Availability

Mil-C-16173E 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.

Phone (504) 341-3749 Fax (504) 341-5868 or E-mail: sales@jmnspecialties.com