PRODUCT BULLETIN

MIL-C-11796C Class 3

Corrosion Preventive Compound: Soft Film, Hot Application

General Description

MIL-C-11796C Class 3 is an dark amber colored petrolatum based protective coating that forms a soft, transparent, grease-like film that acts as a corrosion preventive compound. It will not polymerize or harden after long exposure to the sun. **MIL-C-11796C Class 3** is designed to protect machined, unpainted metal surfaces from the effects of indoor or shed exposure for periods of six months or more. It is especially suitable for the preservation of anti-friction bearings in storage or shipment. **MIL-C-11796C Class 3** meets the requirements of specification and is qualified to MIL-C-11796C, Class 3. This product is identified by NATO Code: C-627.

Application

MIL-C-11796C Class 3 may be applied by dipping at temperatures from 160°F to 180°F (71°C to 82°C). It may be brushed or swabbed on at room temperature when its consistency resembles a soft grease, or at elevated temperatures when it resembles an oil. Hot spray applications can be used for protecting large pieces of equipment that are too large for dipping applications. Optimal performance can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale.

Physical Properties

Color (dry)	Clear dark amber Simi-solid paste
Odor	Petroleum
Density	0.87 - 0.90 @ 15.6°C
Flash Point	426°F (219°C)
Solubility	Soluble Grade 100 MIL-L-6082 Oil; insoluble in water

Availability

MIL-C-11796C Class 3 is available in UN approved 400-pound drum quantities.

Handling

Observe warning label on containers. Normal precautions for industrial chemicals apply. This document does not purport to address all the safety concerns, if any, associated with its use. It is the responsibility of the user of this product to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.