

# JMN SPECIALTIES, INC.

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## PRODUCT BULLETIN

### SPEC COAT 87132

#### Cetyl Alcohol Fastener Lubricant

##### General Description

**SPEC COAT 87132** is a Cetyl Alcohol water based lubricant for fasteners. **SPEC COAT 87132** meets the requirements of Mil-L-87132 Type III Grade C. **SPEC COAT 87132** is recommended as an installation lubricant on mechanical fasteners such as pins, bolts, nuts, washers and threaded or non-threaded fastening devices. The active material in the product, Cetyl Alcohol, is nontoxic, nonirritating, and an otherwise innocuous material.

##### Application

Make sure parts are clean and properly pre-coated (Aluminum Barrier Coating etc.) prior to applying **SPEC COAT 87132**. Gently and slowly mix material avoiding air bubble formation. Material may be used at ambient temperatures or heated up to no higher than 160F. For best results, apply at ambient temperature. Above 125 to 130F there is a significant reduction in viscosity and slow stirring is required to reform a good stable emulsion as the **SPEC COAT 87132** falls from above to below its melting point. Dip parts completely into the lubricant. Remove slowly and shake off extra material if necessary. Air dry or force dry at up to 100F. Do not handle parts until completely dry. Parts may exhibit a white or frosty appearance which is normal. For thinner coating, heat material to reduce viscosity or dilute with deionized water.

##### Dilution

When used as supplied, **SPEC COAT 87132** meets MIL-L-87132, Grade C. Use as is (recommended) for heavy lubrication, interference fit fasteners, internally threaded parts. When diluted 1:1 with Deionized Water, product meets MIL-L-87132 Grade B and is recommended for pins, bolts, externally threads. Diluting 2:1 with Deionized Water product meets MIL-L-87132 Grade A and is recommended for collars, nuts, washers. For best results when diluting, add water and heat to ~ 130F and stir slowly while cooling.

##### Physical Properties

Color	Opaque White
Odor	Bland
Specific Gravity	8.5 ppg
Meets MIL-L-87132	Yes
Solubility	Water Soluble

##### Availability

**SPEC COAT 87132** is available in UN approved 1 gallon containers, 5 gallon pails, 55 gallon drums and bulk quantities.

##### Handling

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