



# 16-401 Electric Coating

## Data Sheet

### 1. Product Description

3M™ 16-401 Electric Coating is a soft wax base impregnated with a propriety corrosion inhibitor dissolved in a petroleum-distillate/alcohol-based solvent. It is formulated for long term corrosion protection of metal surfaces not in contact with each other.

#### Features:

- Non-corrosive
- Controlled drying
- Non CFC
- Halogen free
- Easy application by aerosol spray
- Meets Mil-C-16173

**Caution:** Solvents will attack some plastic surfaces. Test all plastic items for compatibility before use.

### 2. Applications

Protects metal parts from corrosion under appropriate conditions of long-term storage (up to 1 year outdoors). Use on electrical and mechanical equipment including hoists, lifts individual gears, molds, dies and other large metal surfaces.

**Warning!** This product is flammable. Do not use on energized equipment.

Other precautionary and first aid information for this product may be found in its Material Safety Data Sheet and on the product container.

### 3. Data

#### Physical Properties

<u>Property</u>	<u>Results</u>
• Color	Brown
• Flash Point (T.C.C.)	-156°F/-104°C (propellant) to 13°F/10°C (solvent)
• LEL	1.0% by vol.
• UEL	10.6% by vol.

### 4. Characteristics and Test Data

Tests run on 3M 16-401 electric coating show that it can effectively protect metals from corrosion for up to 1 year outdoors. Passes Mil-C-16173.

### 5. Application Techniques

The aerosol container makes 3M 16-401 electric coating easy to use. Spray dries to a waxy film after application. When necessary remove coating easily with petroleum solvents.

### 6. Directions for Use

1. Turn off electrical equipment before cleaning.
2. Turn spray tip so arrow points to spray surface.
3. Hold can 8-10 inches from surface and apply evenly.
4. Make sure cleaned area is DRY before re-energizing circuit.

### 7. Maintenance

3M 16-401 electric coating does not plug aerosol nozzles or sputter and drip when sprayed. Hold the can in upright position and push the nozzle all the way down when spraying.

Store product at temperatures below 120°F/49°C for maximum life.

### 8. Availability

3M 16-401 electric coating is available in 16 fl. oz. can size with 12 cans per case and may be purchased from your local electrical distributor.

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#### **IMPORTANT NOTICE**

Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

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# **3M**

#### **Electrical Products Division**

6801 River Place Blvd.  
Austin, TX 78726-9000  
<http://www.3M.com/elpd>

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