

# 3M™ Zinc Spray 16-501

Data Sheet

January 2019

---

**Product Description** 3M™ Zinc Spray 16-501 is a dispersion of fine powdered 97% pure zinc in petroleum distillates, used to inhibit rust and corrosion of metal surfaces.

---

**Product Features**

- Non-corrosive
- Controlled drying
- Non CFC
- Halogen free
- Easy application by aerosol spray
- Meets MIL-P26915D
- Comparable to hot dip galvanizing (at 0.0015 inch thickness)

---

**Applications** Helps protect metal (iron or steel) from corrosion during long term exposure to corrosive environments. Use on electrical generation, transmission and distribution equipment including towers, transformers, light standards and other metal and galvanized surfaces.

**DANGER!** Product is extremely flammable. Do not use on energized equipment.

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

---

**Characteristics and Test Data**

Physical Properties	Typical Value
Color	Gray
Flash Point	-78°F (Test method; Closed cup)
LEL	0.9% by vol.
UEL	approx. 10% by vol.

*Note: These are typical values and should not be used for specification purposes.*

---

**Application Techniques** The aerosol container makes 3M zinc spray 16-501 easy to use. Clean surface thoroughly. Apply directly to dry metal or galvanized surface. Do not apply over paint or coatings.

---

# 3M™ Zinc Spray 16-501

---

**Directions for Use****DO NOT SHAKE CAN UP AND DOWN**

1. Turn can upside down. Hit sides while rotating can in 1/4 turns until ball breaks loose.
2. Hold can and swing in a circle until ball travels freely.
3. Repeat after each minute of use.
4. Hold can 8-10 inches from surface and apply evenly.
5. To help prevent clogging, clear the valve by holding can upside down

---

**Maintenance**

To ensure zinc spray 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.

---

**Availability**

3M zinc spray 16-501 is available in 16 fl. oz. can size (14oz. net weight) with 12 cans per case. Please contact your local distributor; available from [3M.com/electrical](http://3M.com/electrical) [Where to Buy] or call 1.800.245.3573.

---

**Shelf Life & Storage**

3M™ Zinc Spray 16-501 has a 3-year shelf life from date of manufacture when stored in a humidity controlled storage (10°C/50°F to 27°C/80°F and <75% relative humidity).

---

3M is a trademark of 3M Company.

---

**Important Notice**

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. 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. Any statements related to the product, which are not contained in 3M's current publications, or any contrary statements contained on your purchase order, shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

---

**Warranty; Limited Remedy; Limited Liability**

This product will be free from defects in material and manufacture at the time of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any direct, indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.**

---

**Electrical Markets Division**

Austin, TX  
800.245.3573  
FAX: 800.245.0329  
[www.3M.com/electrical](http://www.3M.com/electrical)

Please recycle  
© 3M 2019. All rights reserved.  
78-8125-9796-7 Rev B