

# Aerosol Products



**Y**ou're in a demanding industry. To be successful, you need a wide range of reliable products designed to effectively manage your daily processes. You need a supplier with a solid understanding of your industry and the technology that drives it. Quite simply, you need 3M. Our Electrical Products Division designs and manufactures a comprehensive line of products that can address your diverse applications. Widely recognized for our innovation, reliability and global corporate strength, 3M has the products and services you need and the name you trust.

## 3M™ Aerosols. A full range of solutions for cleaning, protecting and bonding applications.

Performance, economy and convenience are the hallmark of the 3M line of aerosol products. Widely used for cleaning, lubricating or bonding, these aerosols deliver reliability while saving both time and money. Whether the application calls for cleaning cables, bonding wood or resealing a carton, there is a product specifically engineered for the job.

As the innovator of many products in the line such as industrial-grade adhesives 3M leads the way with controlled spray patterns and other features which make our aerosols easier and more affordable to use.

User-friendly and formulated for top performance, the 3M aerosol line includes:

- Contact Cleaners
- Cable Cleaners
- Lubricants and Protectants
- Degreasers
- General Use Cleaners
- Aerosol Adhesives
- Packaging Adhesives



# Discover a better solution: 3M Aerosols

## Contact Cleaners

The 3M line of contact cleaners are non-corrosive and ideal for cleaning electrical connections and terminations. They are formulated to remove contaminants and evaporate without leaving a residue.

### 3M 16-101 General Purpose Contact Cleaner

For precision cleaning, HCFC/alcohol-based solvent 3M 16-101 General Purpose Contact Cleaner is the right choice. Quick drying and non-corrosive, this product is designed for electrical connections and terminations including contacts, relays, switches, instrumentation and sensors. Strong enough to meet today's most sophisticated cleaning challenges, the 16-101 general purpose contact cleaner removes contaminants such as light oils, then evaporates quickly without any residue. Read and observe warning on the label. Not for use on energized equipment.

### 3M 16-102 Quick Drying Contact Cleaner

Some applications, such as electrical and electronic components, require solvents that dry rapidly and for these applications the 3M 16-102 Quick Drying Contact Cleaner is an excellent choice. This petroleum distillate/alcohol-based solvent quickly tackles precision cleaning jobs such as sensors, relays, motor controls, switches, generators, contacts, electro-mechanical assemblies, circuit breakers, printed circuit boards, plugs and jacks, and terminals. Removes soil and other contaminants from delicate equipment with a fast drying solution that leaves no residue. This product is extremely flammable. Read and observe warning on the label. Not for use on energized equipment.



3M Contact Cleaners are non-corrosive & ideal for cleaning electrical connections and terminations.

### 3M 16-103 High Flash Contact Cleaner

The 3M 16-103 High Flash Contact Cleaner is a high flashpoint solvent for precision cleaning applications. Its uses include electrical connections and terminations such as contacts, relays, switches, instrumentation and sensors.



3M Cable Cleaners quickly remove contaminants from cable insulation and jackets.

It can also be used for electric motors, generators, switchgear, circuit breakers, fusible disconnecting devices, rheostats, instrumentation and communications equipment. The 16-103 high flash contact cleaner penetrates into minuscule spaces and provides controlled evaporation leaving no residue. A great alternative to CFCs, this is an effective petroleum distillate/alcohol/ester-based product that provides outstanding cleaning action. This product is extremely flammable. Read and observe warning on the label. Not for use on energized equipment.

## Cable Cleaners

The effective, fast way to clean cable jackets and insulation before splicing and termination is with one of three quality 3M cable cleaning products made without halogenated solvent-based cleaners.

### 3M 16-301 Natural Cable Cleaner

During cable preparation for splicing or terminating, apply 3M 16-301 Natural Cable Cleaner to jackets and insulation to remove contaminants. Produced without 1,1,1 Trichloroethane or other halogenated solvent-based cable cleaners, this citrus-based aerosol has a high flashpoint and is excellent for cable preparation. This product is extremely flammable. Read and observe warning on the label. Not for use on energized equipment.

### 3M™ 16-303 High Flash Cable Cleaner

Clean cable jackets and insulation before splicing and terminating by removing contaminants with the 3M 16-303 High Flash Cable Cleaner. A low odor, petroleum distillate/alcohol/ester-based cleaner, the 16-303 high flash cable cleaner is created without 1,1,1 Trichloroethane or other halogenated solvents. The 16-303 cleaner is particularly effective in applications that call for a high flashpoint formulation. This product is extremely flammable. Read and observe warnings on the label. Not for use on energized equipment.

### 3M 16-305 Quick Drying Cable Cleaner

Use the 3M 16-305 Quick Drying Cable Cleaner to remove contaminants on cable jackets and insulations before splicing and terminating. Produced without 1,1,1 Trichloroethane or other chlorinated solvent-based cable cleaners, this aerosol dries quickly and leaves no residue. The 16-305 quick drying cable cleaner is non-corrosive and non-staining. This product is extremely flammable. Read and observe warnings on the label. Not for use on energized equipment.

## Lubricants and Protectants

Designed to safeguard equipment in storage or shipment, the 3M line of protectants helps inhibit rust and corrosion by providing a barrier against the elements. The lubricant products have thousands of uses in maintenance and production jobs because they are safe, effective and convenient to apply.

### 3M 5-Way Penetrant

Useful in thousands of applications, the 3M 5-Way Penetrant lubricates, demois-turizes, cleans and helps prevent rust. Sample uses include freeing rusted, frozen nuts, drying out electrical apparatus, and inhibiting corrosion and pitting of molding dies and extension screws. For maintenance or production jobs, 5-Way Penetrant is the convenient, safe solution for lubricating, cleaning, eliminating rust and other tough jobs. The 5-Way Penetrant is available in a



3M protectant aerosols help inhibit rust and corrosion.

6 oz. or 24 oz. aerosol can. Also available is the 3M 5-Way Plus, a spray pump version of the 5-Way penetrant.

### 3M 16-401 Electric Coating

For long-lasting corrosion protection for all metals during shipment or extended storage, choose the 3M 16-401 Electric Coating. Apply the 16-401 coating to electrical and mechanical equipment subject to heat, humidity, chemicals or severely corrosive atmospheres and the film seals out moisture for up to one year outdoors. Easily remove the coating with petroleum solvents when required. This product is extremely flammable. Read and observe warnings on the label. Not for use on energized equipment.



3M lubricating aerosols are safe, effective and convenient to apply.

### 3M 16-501 Zinc Spray

The 3M 16-501 Zinc Spray provides an effective way to inhibit rust and corrosion with 97% pure zinc. Used for generation, transmission and distribution equipment including towers, transformers, light standards and other metal and galvanized surfaces, this convenient aerosol leaves a barrier coating similar to hot dipped galvanized surfaces. Noted for its quick drying capability, 16-501 zinc spray preserves base metal, even when scratched or chafed. This product is extremely flammable. Read and observe warnings on the label. Not for use on energized equipment.

### 3M 16-703 Storing Lubricant

Protect equipment and parts in storage and in shipment with the long-lasting 3M 16-703 Storing Lubricant. Excellent for use on electrical and mechanical equipment such as motors, pumps, generators, hoists, lifts, and compressors, the 16-703 storing lubricant inhibits corrosion by displacing moisture. It provides a 3-5 year shelf life and meets Mil-C-81309 requirements. This product is extremely flammable. Read and observe warnings on the label. Not for use on energized equipment.

## Scotch™ 1601, 1602, 1603 Insulating Sprays

Protect surfaces against weather, moisture, corrosion, oil, alkalis and acids with the Scotch 1601, 1602, and 1603 Insulating Sprays. Fast-drying enamel sealers and insulators, these electrical grade sprays provide easy access to hard-to-reach spots. Use Scotch insulating spray sealers over insulation on wire and cable splices, as a general-purpose sealer, or for touch-up insulation on motor windings and frames. Scotch sprays are available in clear (1601), red (1602) or black (1603) pressurized cans. Precautionary information is available on the product container.

## 3M Scotchkote™ Electrical Coating

3M Scotchkote Electrical Coating provides vinyl tapes with an extra oil, moisture and corrosion-resistant layer of flexible coating for problem areas. A fast drying sealant and bonding compound, the coating is provided in a brush top 444 cc (15 oz.) can for quick and easy application.

## 3M Silicone Lubricant

Lubricate cutting tools and tables efficiently with the 3M Silicone Lubricant. Use this lubricant to prevent build-up of glues, wax, inks and paints. This aerosol will not stain or become gummy, making it an excellent choice for all kinds of production and maintenance applications. Silicone lubricant has a temperature resistance of up to 350°F (177°C).

## Degreasers

Remove oil quickly and effectively with one of two 3M degreasers. Formulated without chlorinated solvents, these products offer an excellent solution for removing grease from electrical and mechanical equipment including motors, pumps, switches, generators and other machinery. The natural degreaser can safely be used on all metals and is the right choice for applications that demand a more gentle alternative.



Remove oil quickly and effectively with 3M degreaser aerosols.

## 3M 16-203 Quick Drying Parts and Equipment Degreaser

No matter what the degreasing application, the 3M 16-203 Quick Drying Parts and Equipment Degreaser can get it done fast. This low-odor, petroleum distillate/alcohol-based degreasing solvent replaces 1,1,1 Trichloroethane and other halogenated solvents used on electrical and mechanical equipment including motors, pumps, switches, generators, hoists, lifts, compressors, corroded machinery, air tools, chains and wire rope, molds, dies and bearings. The non-corrosive 16-203 cleaner penetrates fast to get out the oil, grease and other contaminants and dries quickly leaving no residue. This product is extremely flammable. Not for use on energized equipment.

**3M 16-205 Natural Degreaser**  
When a safe, natural cleaning alternative is required, the 3M 16-205 Natural Degreaser is the answer. Use this citrus-based cleaner/degreaser for electrical and mechanical equipment including motors, pumps, generators, hoists, lifts and compressors. This natural degreaser

is non-corrosive, safe enough to use on all metals and requires no rinsing. This product is extremely flammable. Read and observe warning on the label. Not for use on energized equipment.

## General Use Cleaners

Remove grease and oil from motors, pumps, generators, dies, molds and more with the safe, effective 3M general use cleaners. Made without halogenated solvents, these products work fast and dry without leaving a residue.

### The 3M 16-201 General Electrical Cleaner

For electrical cleaning and degreasing applications, the 3M 16-201 General Electrical Cleaner is the solution. This product is ideal for electrical and mechanical equipment including motors, pumps, generators, hoists, lifts, compressors, insulators, corroded machinery and switches. The 16-201 general electric cleaner is characterized by a high flashpoint, minimal odor and controlled evaporation which enhances its cleaning action. It is a petroleum distillate/alcohol-based, non-corrosive

cleaner that maximizes operating efficiency, extends equipment life and leaves no residue behind. This product is extremely flammable. Not for use on energized equipment.

### The 3M™ 16-207 Electrical Parts Cleaner

Now there's a better way to clean electrical and mechanical equipment including motors, pumps, generators, hoists, lifts, compressors, air tools, mechanical brakes and clutches, chains and wire rope, relays, dies and molds. The 3M 16-207 Electrical Parts Cleaner is a fast, efficient alternative to 1,1,1 Trichloroethane. Remove dirt, grease and oil from motors and other equipment with a non-staining, non-corrosive, high dielectric solution. The 16-207 cleaner evaporates quickly, leaving no residue. This product is extremely flammable. Not for use on energized equipment.



3M general use cleaners work fast and dry without leaving a residue.

### 3M Citrus Base Cleaner

Remove grease, dirt, oil and adhesive overspray from equipment with this heavy-duty, multi-purpose, citrus-scented cleaner. Easily softens adhesive tape residue for a complete cleaning job. This cleaner is non-corrosive and available in aerosol or spray pump.

## Aerosol Adhesives

Tackle a wide range of adhesive applications with 3M's comprehensive line of aerosol adhesives. Varying drying speeds and tack properties, each aerosol is designed to specialize in a different application from bonding lightweight materials to adhering wood, aluminum, fabric and more.

### 3M 72 Pressure Sensitive Adhesive

Choose the 3M Pressure Sensitive Adhesive 72 when the job requires a repositionable adhesive. This product can be used effectively for bonding polyethylene film and foam, carpet, pipe insulation lap and for temporarily positioning and holding many fabrics and papers. Its aggressive tack, low soak-in and precise spray make it an excellent tool for short-term adhesive applications.



Save time and reduce waste with 3M Aerosol Adhesives.

### 3M Super 74 FoamFast Adhesive

Put the 3M Super 74 FoamFast Adhesive to work for general upholstery foam bonding, to bond small foam pieces together to save foam, to form foam shapes by knife-edge bonding, boxing and edge turning. Its fast tack with foam-tearing strength and a non-dimpling glue line make it an excellent choice for attaching foam to metal. Typical uses include bonding fabrics to aircraft interiors, speakers, and office partitions.

### 3M 76 High Tack Adhesive

A multi-purpose adhesive, the 3M 76 High Tack Adhesive delivers high temperature resistance and strong, one-surface bonds. The 76 high tack adhesive is ideal for attaching pipe insulation and similar applications.

### 3M Super 77 Spray Adhesive

When a fast, aggressive tack for bonding lightweight materials is required, the 3M Super 77 Spray Adhesive delivers. Choose this adhesive when attaching insulation to sheet metal, attaching wire diagrams, bonding gaskets in water pumps or bonding thin decorative films, foils or fabrics.

### 3M 80 Neoprene Contact Adhesive

The 3M 80 Neoprene Contact Adhesive is used to bond most supported vinyl and leather and all types of rubber, except EPDM. Also used to adhere many plastics, laminates and wood, this product resists temperatures over 200°F (93°C) and provides a low-misting lace spray for accurate application.

### 3M 90 Hi-Strength Adhesive

The 3M 90 Hi-Strength Adhesive is the fast, secure way to bond decorative laminate. The high contact strength of this adhesive ensures that it will adhere polyethylene and polypropylene to wood, metal and more. This easy-to-use aerosol dries in just one minute and provides a low-misting lace spray for accurate application.

### 3M 201 General Purpose Spray Adhesive

To bond lightweight substrates from paper and fabrics to plastics, wood, aluminum and more, use the water-based, 3M 201 General Purpose Spray Adhesive. This non-flammable spray adhesive is temperature resistant to 160°F.



3M™ Shipping-Mate™ Box Re-Nu Coating covers most printing and labels for re-use of corrugated cartons.



Reseal cartons that have come unglued with 3M™ Shipping-Mate™ Case Sealing Adhesive.



Adhere labels to corrugated cartons and problem surfaces with 3M™ Shipping-Mate™ Labeling Adhesive.

## Packaging Adhesives

Use 3M packaging aerosols for safe, economical and convenient shipping and storage. This line of products is used to protect labels, reseal and renew cartons, and re-use existing packaging materials. Fast-tacking and reliable, these aerosols are indispensable in warehouse and shipping operations.

### 3M Shipping-Mate™ Box Re-Nu Coating

Cover most printing and labels with a permanent, uniform tan color for reuse of corrugated cartons with the 3M Shipping-Mate Box Re-Nu Coating. Get more mileage out of each package with this remarkable coating product.

### 3M Shipping-Mate Case Sealing Adhesive

Save time and money by resealing cartons that come unglued or that have to be opened and resealed with 3M Shipping-Mate Case Sealing Adhesive. Convenient for shipping room carton closure and warehouse reclosure after inspection, the case sealing adhesive has a ten-second holding strength with carton-tearing strength in 5 minutes. This product is temperature resistant to 160°F (71°C).

### 3M Shipping-Mate Labeling Adhesive

Adhere labels to corrugated cartons and problem surfaces such as glass, plastic and more with 3M Shipping-Mate Labeling Adhesive. This clear, fast-tacking adhesive has a moisture resistant bond, which ensures that the label will stay put even when it gets wet.

**In your business, innovative solutions, technology and reliability are essential. 3M delivers that and more. 3M has the power of a diversified, global manufacturer with more than 60,000 products in our line; a reputation for technical excellence and innovation; and employees committed to delivering quality products and service to you, our valued customer. Our capability doesn't stop with electrical products, it starts there. To explore the many ways we can serve you, contact your 3M representative today.**

### 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.

### Warranty; Limited Remedy; Limited Liability.

3M's product warranty is stated in its Product Literature available upon request. 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 loss or damage arising from this 3M product, whether direct, indirect, special, incidental or consequential regardless of the legal theory asserted.



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