



# Industrial Aerosol Adhesives and Chemicals

*Easy and  
convenient  
bonding,  
packaging,  
cleaning,  
lubricating,  
and more*





## 3M Aerosol Adhesives



With fast tack, long bonding range, and little or no soak-in, 3M™ Super 77™ Multipurpose Spray Adhesive is a versatile tool for bonding light weight materials that include fabrics, plastics, flexible foams, paper, cardboard, and thin gauge metals.

### At the touch of a finger – bonding power for substrates from paper to metal.

With 3M aerosol adhesives, only a touch puts a job-matched formulation to work on paper, plastic, cardboard, foam, metal, and more.

3M introduced the first industrial-grade aerosol adhesive over 40 years ago. Now you can select from a wide range of performance and application characteristics for production and maintenance jobs. Most 3M aerosol adhesives also have a controlled spray pattern to help minimize overspray, clean-up, and unused adhesive.

- Handy self-contained applicators save the expense of complex application systems
- Compact container with storage stability helps reduce storage costs
- Contain no methylene chloride, chlorofluorocarbons (CFCs), or 1,1,1-trichloroethane (methyl chloroform).



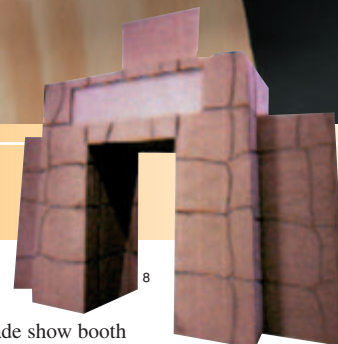
Non-misting lace spray patterns of 3M™ 72, 74, 76, 78 and 90 Spray Adhesives target adhesive where you want it for clean, precise application. Adjust patterns from 1" to 4" width.



3M™ High-Strength 90 Spray Adhesive targets a controlled track of contact adhesive that can typically bond edge banding and decorative laminate in 60 seconds.



3M™ FoamFast 74 Spray Adhesive quickly bonds flexible urethane or latex foams to themselves and many other materials. Bond reaches foam-tearing strength with a soft, non-dimpling bond line.



Expanded polystyrene panels used for decorative trade show booth facings are easily bonded to plywood panels with 3M™ Polystyrene Foam Insulation 78 Spray Adhesive. After assembly, the panels are textured and painted to resemble stone.

## Pressurized cylinder or bulk for higher volume



3M™ Polystyrene Foam Insulation 78 Spray Adhesive bonds polystyrene inserts to polystyrene panels for complex packaging inserts. No-clog pressurized cylinder goes to the job without the restrictions and expense of bulk reservoirs



With 3M™ FoamFast 74 Spray Adhesive Cylinder, a fast light coat bonds quilted fabric to solid core mattress. High coverage reduces applied cost. Foam-tearing strength prevents cover spin.



## 3M Aerosol Adhesives

### Product Information

| Product                                                                                                                                        | Features                                                                                                                                                                                                                                                                                                                                           | Application Ideas                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Blue 72 Spray Adhesive</b><br> 11                          | <ul style="list-style-type: none"> <li>• Able to reposition</li> <li>• Aggressive tack</li> <li>• Precise spray control</li> <li>• Low soak-in</li> <li>• Variable width spray pattern</li> <li>• Blue color</li> </ul>                                                                                                                            | <ul style="list-style-type: none"> <li>• Polyethylene film bonding</li> <li>• Polyethylene foam bonding</li> <li>• Carpet bonding</li> <li>• Temporary positioning and holding fabric, film, and paper</li> <li>• Pipe insulation lap adhesive</li> <li>• Swimming pool liners</li> </ul>                           |
| <b>FoamFast 74 Spray Adhesive</b><br> 12                      | <ul style="list-style-type: none"> <li>• Fast track</li> <li>• Foam tearing strength</li> <li>• Soft, non-dimpling glue line</li> <li>• Low misting, precise spray control</li> <li>• Variable width spray pattern</li> </ul>                                                                                                                      | <ul style="list-style-type: none"> <li>• General upholstery foam bonding</li> <li>• Bond smaller foam pieces together</li> <li>• Form foam shapes by knife edge bonding, boxing, edge turning</li> <li>• Attach foam to metal</li> <li>• Bond fabrics to aircraft interiors, speakers, office partitions</li> </ul> |
| <b>Repositionable 75 Spray Adhesive</b><br> 13                | <ul style="list-style-type: none"> <li>• Provides “tape-like” bonds</li> <li>• Adheres in seconds</li> <li>• Permits materials to be repositioned</li> <li>• Resists bleeding, staining or wrinkling</li> <li>• Smooth glue line</li> <li>• Clear</li> </ul>                                                                                       | <ul style="list-style-type: none"> <li>• Hold emblems and badges during stitching</li> <li>• Fixture lightweight materials</li> <li>• Hold T-shirts during silk screening</li> <li>• Temporarily hold paper masking in place</li> </ul>                                                                             |
| <b>Hi-Tack 76 Spray Adhesive</b><br> 14                       | <ul style="list-style-type: none"> <li>• Strong, one-surface bonds</li> <li>• High temperature resistance</li> <li>• Low misting, precise spray control</li> <li>• Variable width spray pattern</li> </ul>                                                                                                                                         | <ul style="list-style-type: none"> <li>• Bond carpet, door skins and fabric in van conversions</li> <li>• Attach nameplates, pool table fabrics, pool liners, pipe insulation</li> <li>• Bond insulation in aircraft interiors and specialty cabinets</li> </ul>                                                    |
| <b>Super 77 Multipurpose Spray Adhesive</b><br> 15          | <ul style="list-style-type: none"> <li>• High coverage</li> <li>• Versatile – securely bonds many lightweight materials</li> <li>• Low soak-in for long lasting bonds</li> <li>• Fast, aggressive tack</li> <li>• Long bonding range</li> </ul>                                                                                                    | <ul style="list-style-type: none"> <li>• Excellent for variety of display and furniture jobs</li> <li>• Attach fiberglass insulation</li> <li>• Attach wiring diagrams and labels</li> <li>• Bond some gaskets</li> <li>• Bond thin decorative film, foils, and fabrics</li> </ul>                                  |
| <b>Polystyrene Foam Insulation 78 Spray Adhesive</b><br> 16 | <ul style="list-style-type: none"> <li>• Bonds expanded or extruded polystyrene and other insulation materials to themselves and to other surfaces without degrading the foam</li> <li>• Fast drying</li> <li>• Bonds with strength greater than foam itself</li> <li>• Spray pattern width adjusts from 1"-5"</li> <li>• High coverage</li> </ul> | <ul style="list-style-type: none"> <li>• Hold corner inserts for corrugated packaging</li> <li>• Bond insulation on concrete or cinder block walls</li> <li>• Assemble extruded decorative shapes</li> <li>• Bond foams used in trade shows and theater sets</li> </ul>                                             |
| <b>Rubber &amp; Vinyl 80 Spray Adhesive</b><br> 17          | <ul style="list-style-type: none"> <li>• Neoprene-based contact adhesive</li> <li>• Plasticizer resistance</li> <li>• High temperature resistance to 200°F (93°C)</li> <li>• Fast drying; fast bonding</li> <li>• Durable – high strength adhesive</li> </ul>                                                                                      | <ul style="list-style-type: none"> <li>• Bond all types of rubber except EPDM</li> <li>• Bond most supported vinyl, leather</li> <li>• Adhere stainless steel panels, stiffeners, and metal kick plates</li> <li>• Adhere many plastics, laminate and wood products</li> </ul>                                      |
| <b>High-Strength 90 Spray Adhesive</b><br> 18               | <ul style="list-style-type: none"> <li>• Fast, high contact bond strength</li> <li>• One to 10-minute open time</li> <li>• High temperature resistance</li> <li>• Low misting, precise spray control</li> <li>• Variable width spray pattern</li> </ul>                                                                                            | <ul style="list-style-type: none"> <li>• Bond decorative laminate to tables, cabinets, and shelving</li> <li>• Bond kick plates to office desks</li> <li>• Adhere polyethylene, polypropylene to wood, metal, and many other materials</li> <li>• Attach plastic sign lettering to wood</li> </ul>                  |

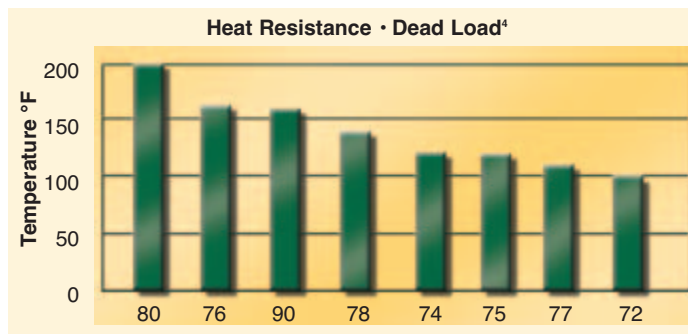
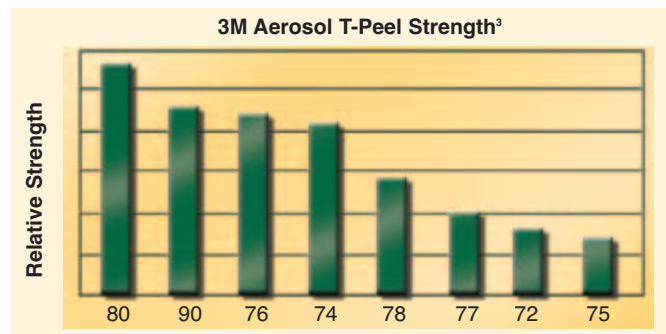
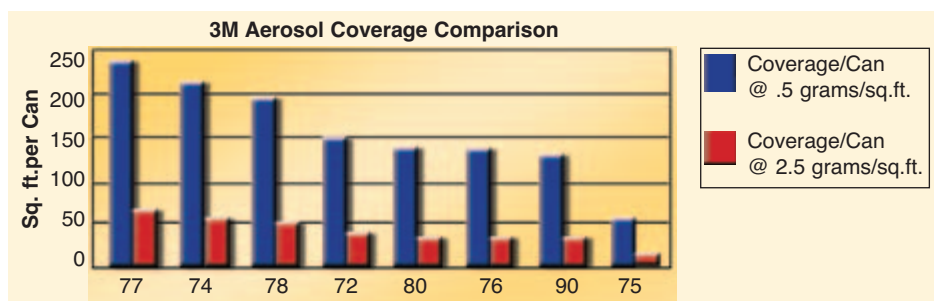
Note: The technical information and data above should be considered representative or typical only, and should not be used for specification purposes.



## 3M Aerosol Adhesives

### Product Information

| Product                                       | Container Size | Spray Pattern            | Color           | VOC's <sup>1</sup><br>% | FDA Listed Ingredients <sup>2</sup> | % Solids | Bonding Range |               |
|-----------------------------------------------|----------------|--------------------------|-----------------|-------------------------|-------------------------------------|----------|---------------|---------------|
|                                               |                |                          |                 |                         |                                     |          | One Surface   | Both Surfaces |
| Blue 72 Spray Adhesive                        | 24 fl. oz.     | Variable Controlled Lace | Blue            | 55                      | No                                  | 15       | 8 hrs. +      | 7 days        |
| FoamFast 74                                   | 24 fl. oz.     | Variable Controlled Lace | Orange or Clear | 55                      | No                                  | 22       | NR            | 15 min.       |
| Repositionable 75 Spray Adhesive              | 16 fl. oz.     | Particle                 | Clear           | 58                      | No                                  | 9.4      | 1 hr.         | 3 hrs.        |
| Hi-Tack 76 Spray Adhesive                     | 24 fl. oz.     | Variable Controlled Lace | Translucent     | 55                      | Yes                                 | 13.5     | 10 mn.        | 1 hr.         |
| Super 77 Multipurpose Spray Adhesive          | 24 fl. oz.     | Particle - fan           | Nearly Clear    | 51                      | Yes                                 | 25       | 15 mn.        | 30 min        |
| Polystyrene Foam Insulation 78 Spray Adhesive | 24 fl. oz.     | Variable Controlled Lace | Translucent     | 55                      | No                                  | 19       | 5 mn.         | 15 min.       |
| Rubber & Vinyl 80 Spray Adhesive              | 24 fl. oz.     | Lace                     | Yellow          | 55                      | No                                  | 13       | NR            | 1 hr.         |
| Hi-Strength 90 Spray Adhesive                 | 24 fl. oz.     | Variable Controlled Lace | Translucent     | 55                      | Yes                                 | 13       | NR            | 10 min.       |



<sup>1</sup>VOC's = Volatile Organic Compounds    <sup>2</sup>The ingredients of the product when dried after application are listed as indirect food additives under FDA regulation 21 CFR 175.105.  
<sup>3</sup>3M Test Method C-449.    <sup>4</sup>3M Test Method C-483.    NR - Not Recommended

### Bulk Adhesives

3M's most popular aerosol adhesives are now available in bulk form. The following characteristics which may be of interest to higher volume users supplement the chart on page 4.

|                | Product                                      | Features                                                | % Solids | VOCs (g/liter) | Size                 |
|----------------|----------------------------------------------|---------------------------------------------------------|----------|----------------|----------------------|
| Bulk Adhesives | Super 77 Bulk Adhesive                       | • High coverage<br>• Low soak-in for long lasting bonds | 36–38%   | 495            | 55 Gal., 5 Gal.      |
|                | Hi-Strength 90 Bulk Adhesive                 | • High temperature resistance                           | 22–24%   | 507            | 55 Gal., 5 Gal.      |
|                | Polystyrene Foam Insulation 78 Bulk Adhesive | • High coverage<br>• Fast strength build-up             | 34-36%   | 435            | 55 Gal., 5 Gal.      |
| Cylinder       | FoamFast 74 Adhesive Cylinder                | • Orange or clear                                       | 22%      | 563            | 28.8 lbs.            |
|                | Polystyrene Foam Insulation 78 Cylinder      | • Does not dissolve polystyrene foam                    | 19%      | 558            | 28.8 lbs.            |
|                | High-Strength 90 Adhesive Cylinder           | • Temperature resistance up to 160°F (71°C)             | 13%      | 571            | 28.8 lbs., 15.6 lbs. |

Note: The technical information and data above should be considered representative or typical only, and should not be used for specification purposes.

# **3M™ Shipping-Mate™ Aerosol Adhesive**

## **3M™ Shipping-Mate™ Aerosols for convenient packaging.**

Containment, communication and protection are a package's full job. Put packages to work optimally and more conveniently with user-friendly 3M Shipping-Mate Aerosols.



3M™ Case Sealing Adhesive helps save time and money if you have cartons that come unglued, fill cartons by hand, open cartons for inspection, or fill miscellaneous orders.



Clear spray 3M™ Shipping-Mate™ Labeling Adhesive permanently bonds labels to many problem surfaces such as glass, rubber, or metal where other adhesives or gummed labels may fail. This is a result of 3M's moisture-resistant formulation.

## **Product information**

| Product                                                                                                      | Features                                                                                                                                                                                    | Application Ideas                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Case Sealing Adhesive<br> | <ul style="list-style-type: none"> <li>Fast holding strength</li> <li>Strong carton-tearing strength in five minutes</li> <li>Non-misting, precise spray control</li> </ul>                 | <ul style="list-style-type: none"> <li>Shipping room carton closure</li> <li>Warehouse for inspections and reclosing cartons</li> <li>Quality control shipments of samples, etc.</li> <li>Recoupage of cartons</li> </ul>                         |
| Palletizing Adhesive<br>  | <ul style="list-style-type: none"> <li>Fast tack</li> <li>High coverage</li> <li>Low soak-in</li> </ul>                                                                                     | <ul style="list-style-type: none"> <li>Stack plastic bags neatly on pallets</li> <li>Hold plastic bags together during shipment</li> <li>Hold corrugated cartons together</li> <li>Allows easy separation of containers after shipment</li> </ul> |
| Labeling Adhesive<br>     | <ul style="list-style-type: none"> <li>Fast tack</li> <li>Holds labels to nearly any surface</li> <li>No residual tack, stays clean around the label</li> <li>Moisture resistant</li> </ul> | <ul style="list-style-type: none"> <li>Corrugated cartons</li> <li>Glass containers</li> <li>Plastic containers</li> <li>Metal and fiber drums</li> </ul>                                                                                         |

| Product               | Container Size | Spray Pattern             | Color       | VOC's | FDA Listed Ingredients <sup>1</sup> | One Surface | Both Surfaces | Coverage (sq. ft.) | Temp. Resist. <sup>2</sup> |
|-----------------------|----------------|---------------------------|-------------|-------|-------------------------------------|-------------|---------------|--------------------|----------------------------|
| Case Sealing Adhesive | 24 fl. oz.     | Variable Controlled Lance | Translucent | 55%   | No                                  | NR          | 15 mn.        | 100                | 160°F                      |
| Palletizing Adhesive  | 24 fl. oz.     | Particle                  | Translucent | 51%   | Yes                                 | 10 mn.      | NR            | 300                | 110°F                      |
| Labeling Adhesive     | 24 fl. oz.     | Particle                  | Clear       | 65%   | No                                  | 10 mn.      | NR            | 90                 | 130°F                      |

<sup>1</sup>The ingredients of the product when dried after application are listed as indirect food additives under FDA regulation 21 CFR 175.105.

<sup>2</sup>3M Test Method C-483.  
NR - Not Recommended

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## 3M Maintenance Aerosols

### Convenience and a fistful of work power for maintenance and production.

In thousands of factories and plants, these aerosol chemicals are proven daily to save time and effort. Lubricating, cleaning, inhibiting rust, and other tough jobs become easy. Cleaners also prep surfaces to help improve adhesive bonding.

Compact container fits in a tool box to go readily to any job site and can help you reduce storage space and cost.

3M aerosol chemicals contain no methylene chloride, chlorofluorocarbons (CFCs), or 1,1,1-trichloroethane (methyl chloroform).



For fast, easy clean-up of gears, 3M™ Citrus Base Cleaner helps soften and loosen grease, oil and grime. After using this heavy-duty degreaser/cleaner, just wipe away with a shop towel.



Spray 3M™ Adhesive Remover on metal parts and wipe away prior to adhesive bonding, tape application, painting, coating, or further processing. Removes soil and contaminants that could interfere with proper adhesion.



Penetrating and freeing rusted parts with 3M™ 5-Way Penetrant is only one of many applications for this versatile chemical.



3M™ Silicone Lubricant lubricates cutting tools and tables. Fast, easy application helps prevent build-up of adhesive, wax, inks, and paints. Won't stain or become gummy.

### Product information

| Product                                                                                                            | Features                                                                                                                                                                            | Application Ideas                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>5-Way Penetrant</b><br>      | <ul style="list-style-type: none"> <li>Lubricant</li> <li>Demolstrant</li> <li>Silicone-free</li> </ul>                                                                             | <ul style="list-style-type: none"> <li>Helps free rusted, frozen nuts and bolts</li> <li>Excellent light duty lubricant for many delicate or precision instruments</li> <li>Ideal tapping lubricant for stainless steel and aluminum</li> <li>Displaces moisture and "dries out" electrical apparatus, generators, motors</li> <li>Inhibits corrosion and printing of injection molding dyes and extension screws during storage</li> </ul> |
| <b>Silicone Lubricant</b><br>   | <ul style="list-style-type: none"> <li>Fast drying, long lasting</li> <li>Contains no petroleum oils</li> <li>Up to 350°F (177°C) resistance</li> <li>Non-staining</li> </ul>       | <ul style="list-style-type: none"> <li>Lubricate cutting tools, tables, and sewing machines and needles</li> <li>Helps preserve plastic, rubber, leather</li> <li>Rubber mold release</li> <li>Helps prevent build-up of glues, wax, inks, paints</li> </ul>                                                                                                                                                                                |
| <b>Citrus Base Cleaner</b><br>  | <ul style="list-style-type: none"> <li>Multi purpose</li> <li>Non-corrosive</li> <li>Cleans oil, grease, tar, and grime</li> <li>Fresh citrus scent</li> </ul>                      | <ul style="list-style-type: none"> <li>Removes grease, dirt and oil from equipment</li> <li>Removes tar from roofing equipment</li> <li>Softens liquid adhesive and adhesive tape residue</li> <li>Cleans adhesive overspray from equipment</li> </ul>                                                                                                                                                                                      |
| <b>Adhesive Remover</b><br>     | <ul style="list-style-type: none"> <li>Removes adhesive, labels, grease, and oil from many substrates</li> <li>Food grade</li> <li>No filmy residue</li> <li>Citrus base</li> </ul> | <ul style="list-style-type: none"> <li>Dissolve overspray of many adhesives used in countertop lamination</li> <li>Remove marker graffiti from many surfaces</li> <li>Clean grime from floors in garages and industrial sites</li> <li>Prepare surfaces for adhesive bonding</li> </ul>                                                                                                                                                     |
| <b>Adhesive Remover Pen</b><br> | <ul style="list-style-type: none"> <li>Same as aerosol Adhesive Remover</li> </ul>                                                                                                  | <ul style="list-style-type: none"> <li>Same as aerosol Adhesive Remover but more precise application with pen tip</li> </ul>                                                                                                                                                                                                                                                                                                                |

Note: The technical information and data above should be considered representative or typical only, and should not be used for specification purposes.

*Product information continued on back*



## 3M Maintenance Aerosols

### Product information

| Product                         | Container Size | Spray Pattern   | Color       | VOC's % | FDA Listed Ingredients <sup>1,2</sup> |
|---------------------------------|----------------|-----------------|-------------|---------|---------------------------------------|
| 5-Way Penetrant                 | 24 fl. oz.     | Particle - Mist | Light Amber | 45      | No                                    |
| Silicone Lubricant              | 24 fl. oz.     | Particle - Mist | Clear       | 95      | Yes <sup>1</sup>                      |
| Citrus Base Cleaner             | 24 fl. oz.     | Particle - Mist | Pale Yellow | 90      | No                                    |
| Adhesive Remover<br>Citrus Base | 24 fl. oz.     | Particle - Mist | Pale Yellow | 100     | Yes <sup>2</sup>                      |

<sup>1</sup>FDA Listed Ingredients: The ingredients of this product, when dried after application, are listed as indirect food contact additives when used with minimal opportunity for exposure. See 21 CFR 178.3570, 178.3910 and 181.28.

<sup>2</sup>The ingredient(s) of the product when dried after application are listed as Generally Regarded As Safe (GRAS) under FDA regulation 21 CFR 182.20.

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