



FoamFast 74

Spray Adhesive (cylinder) Clear and Orange

Technical Data

April, 2002

Features

- Cylinder version of 3M™ FoamFast 74 Spray Adhesive.
- Bonds foam to itself or other materials including most fabrics, wood or metal.
- Fast tack and non-dimpling.
- Various spray widths, from 1 inch to 12 inches can be achieved.

Typical Physical Properties

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

Solids Content (by wt.):	22%	
Base:	Synthetic polymers	
Color (wet and dry):	Light orange	Clear
Solvent:	Pentane, acetone	
Net Weight (approx.):	30 lb.	
Flash Point:	-50°F (-46°C) TCC	
*Coverage:	One Surface Approximately 6,000 sq. ft. @ 0.5 gms/ft ² dry wt. Two Surfaces (Recommended application) Approximately 3,000 sq. ft. @ 0.5 gms/ft ² dry wt.	
Volatile Organic Components (VOC):	66% by wt. (563 gram/liter)	
Hazardous Air Pollutants (HAPS):	0% by wt. calculated	

*Coverage values are based on quantity of dried adhesive needed to bond urethane foam with a density of 1.2 lb./cu. ft.

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Handling/Application Information

Directions for Use

1. **Surface Preparation:** Surfaces must be clean, dry and free from dirt, dust, oil, loose paint, wax, grease, etc.
 2. **Application Temperature:** For best results, the temperature of the adhesive and the surfaces being bonded should be at least 65°F (18°C).
 3. **Application:**
Porous Surface(s): Spray a uniform coat on each surface to be bonded. Wait a minimum of 5-15 seconds or until surface is tacky but does not transfer, and then apply pressure to ensure good contact.
Non-Porous Surface(s) (or for higher immediate strength): Apply a uniform light coat on each surface. Allow the adhesive to dry until it is tacky, and then apply sufficient pressure to ensure intimate contact.
 4. **Cleanup:** Excess adhesive may be removed with a solvent such as 3M™ Scotch-Grip™ Solvent No. 2* or 3M™ Adhesive Remover Citrus Base.
- *Note:** When using solvents, extinguish all ignition sources and follow the manufacturer's precautions and directions for use.

Application Equipment Suggestions

Model 23L-45885-SW-KIT from Shopware Inc. @ 800-877-9344

The Spray adhesive applicator kit is specifically designed for use with the 3M cylinder spray adhesives. Using this kit with any other materials or equipment is not recommended and may result in hazardous conditions.

Read all instructions in the user's guide and on the adhesive cylinder prior to using this kit to spray adhesive.

Cylinder Return

1. Return empty cylinder in original shipping container.
2. Follow instructions provided in cylinder package.

Certifications

All components of this product are in compliance with the chemical notification requirements of the U.S. EPA Toxic Substance Control Act (TSCA).

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Typical Adhesive Performance Characteristics

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

Primary use for 3M™ FoamFast 74 is for bonding foam to itself or to other substrates. This adhesive, when fully dried, will provide tear strength for most lightweight urethane foams.

Storage and Shelf Life

Storage: Store product at 60-80°F (16-27°C) for maximum storage life. Higher temperatures can reduce normal storage life. Lower temperatures can cause increased viscosity of a temporary nature. Rotate stock on a “first in-first out” basis.

Shelf Life: When stored at the recommended conditions in the original, unopened container, this product has a shelf life of 15 months from date of shipment.

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Precautionary Information

Refer to Product Label and Material Safety Data Sheet for safety and health information before using this product. For additional health and safety information, call 1-800-364-3577 or (651)-737-6501.

For Additional Information

To request additional adhesive product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit www.3M.com/adhesives. Address correspondence to: 3M Engineered Adhesives Division, 3M Center, Building 220-8E-05, St. Paul, MN 55144-1000. Our fax number is 651-733-9175. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

For Spray Applicator problems, questions, and parts orders contact: Shopware, Inc., 7580 Quattro Drive, Chanhassen, Minnesota 55317. The phone number is 952-392-2002 and fax is 952-392-2018, or call toll free at 1-800-877-9344.

Important Notice

3M MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of application. Please remember that many factors can affect the use and performance of a 3M Engineered Adhesives Division product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a 3M product. Given the variety of factors that can affect the use and performance of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

Limitation of Remedies and Liability

If the 3M product is proved to be defective, THE EXCLUSIVE REMEDY, AT 3M'S OPTION, SHALL BE TO REFUND THE PURCHASE PRICE OF OR TO REPAIR OR REPLACE THE DEFECTIVE 3M PRODUCT. 3M shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including, but not limited to, contract, negligence, warranty, or strict liability.



This Engineered Adhesives Division product was manufactured under a 3M quality system registered to ISO 9002 standards.



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