

# 3M Super 77 Multipurpose Spray Adhesive

## Technical Data

### Product Description

3M™ Super 77 Multipurpose Spray Adhesive is a high tack, high coverage, fast drying, translucent adhesive for permanently attaching foils, carpeting, many lightweight foams, paper, plastics, cardboard, felt and cloth to painted or unpainted metals, wood, hardboard and other base materials.

### Features

- Convenient
- Low mist
- Fast, easy application
- High coverage
- Aggressive tack
- Long bonding range
- Excellent spray control
- Uniform spray coat
- High initial “grab” with sufficient open time to allow for positioning of materials.

### 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.**

<b>Solids Content (by wt.):</b>	~ 25%
<b>Base:</b>	Synthetic Elastomers
<b>Color (wet and dry):</b>	Translucent
<b>Net Weight* (approx.):</b>	16.75 oz. (475 gms.)
<b>Spray Pattern:</b>	Low Mist, Fine Particle Spray
<b>Spray Width:</b>	4 1/2" - 6"
<b>Bonding Range (1 Surface) (2 Surface): (Extra Strong Bonds)</b>	10 seconds - 15 minutes 10 seconds - 30 minutes Spray both surfaces - allow a minimum of 30 seconds drying time
<b>Solvents:</b>	Acetone, Heptane, Cyclohexane
<b>Flash Point:</b>	-42°F (-42°C)
<b>Coverage* @ .5 gm/sq. ft.:</b>	> 220 sq. ft.
<b>% Volatile Organic Components (VOC):</b>	51%
<b>Hazardous Air Pollutants (HAPS):</b>	None

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### Application/Handling Information

### Directions for Use

- 1. Surface Preparation:** Surfaces must be clean, dry and free from dirt, dust, oil, loose paint, wax or 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:**
  - Shake can well.
  - Turn spray tip so arrow points to dot on rim. (**Note:** Always point spray tip away from yourself and others.)
  - Hold can 6-8 inches from surface to be sprayed.
  - Make bond while adhesive is aggressively tacky.
  - After use, invert can, depress spray tip until spray is free of adhesive.
  - Clean spray tip with turpentine.\*
- 4. Bonding Range:**
  - 1 surface - 10 seconds to 15 minutes
  - 2 surface - 10 seconds to 30 minutes
  - Extra Strong Bonds – Spray both surfaces and allow a minimum of 30 seconds drying time.
- 5. Cleanup:** Excess adhesive may be removed with 3M™ Adhesive Remover Citrus Base.\*

\*When using solvents, extinguish all ignition sources, including pilot lights, and follow the manufacturer's precautions and directions for use.

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### 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.

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### 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 Health and Safety Information before using this product.

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### Product Use

All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors 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.

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### Warranty and Limited Remedy

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### Limitation of Liability

Except where prohibited by law, 3M and seller will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

**ISO 9001:2000**

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



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