

# Spray 77™

## Multi-Purpose Low Mist Adhesive

### Product Data Sheet

Updated : February 2011  
 Supersedes : December 2007

<b>Product Description</b>	Spray 77 Low Mist Adhesive is a multi-purpose aerosol adhesive. It is fast tacking and has a long tack range when applied to both surfaces.	Spray 77 Low Mist Adhesive is a light coloured, non staining adhesive.	The Low Mist spray pattern improves adhesive coverage compared to conventional aerosols.
----------------------------	---	--	--

**Physical Properties**  
 Not for specification purposes

<b>Solvent</b>	Petroleum Distillate / Cyclohexane	
<b>Flash Point</b>	-46°C	
<b>Propellant</b>	Hydrocarbon	
<b>Contents</b>	349g (500ml)	
<b>Solids Content</b>	25% approximately	
<b>Spray Pattern</b>	Particle	
<b>Colour</b>	Clear/Pale Cream	
<b>Shelf Life</b>	12 months from date of receipt by customer when stored in the original carton at 21°C (70°F) & 50 % Relative Humidity	

**Performance Characteristics**  
 Not for specification purposes

<b>Service Temperature Range</b>	-30°C to 60°C	
<b>Water Resistance</b>	Very Good	
<b>Weathering Resistance</b>	Fair	
<b>Fuel and Oil Resistance</b>	Poor	
<b>UV Light Resistance</b>	Fair	

---

**Additional Product Information**

**Coverage:**  
Approximately 12m<sup>2</sup> (140 square feet) per container, depending on porosity of substrate.

**Conformity to British Standards and Other Specifications:**  
Defence Standard 80-117

---

**Storage Conditions**

Store at 16°C to 27°C for maximum storage life in a cool dry place. Storage temperature must not exceed 49°C.

---

**Directions for Use**

Ensure all surfaces to be bonded are clean, dry and free from dust, oil and grease before application of adhesive.

Ensure that the nozzle points away from all persons and towards the surface to be sprayed. Turn the spray tip to select the desired spray width.

Shake the can well before using, 5-10 seconds should be sufficient.

**For Strong Permanent Bonds:** Spray both surfaces to be bonded and allow a minimum of 30 seconds drying time before assembly.

**For Temporary Bonds with Easy Removal:** To bond substrates for short periods and to permit easy removal, apply a light coat to one surface and allow to dry for about 1 minute. Most surfaces can then be removed when desired without adhesive transfer.

**NOTE:** When bonding expanded polystyrene foam, leave surface open for about 10 minutes to allow most of the solvent to escape before making a bond.

To prevent spray nozzle from blocking, at the end of each day, turn the can upside down and press tip until spray is clear from adhesive.

**Clean Up:**  
Spray nozzle or excess material may be cleaned with Scotch-Grip Solvent No. 1.

**NOTE:** Solvent No. 1 is highly flammable. When using solvents for clean up it is essential that proper safety precautions are observed.

---

**Applications**

Spray 77 Low Mist Adhesive is extensively used for bonding lightweight boards, foams, plastics, fabric, paper and insulating materials.

For bonding fabric backcloths in studios and window dressing, and bonding polystyrene foam in fabricating packaging units.

The adhesive is also widely used in the heating and ventilating industry.

---

**Precautionary Information**

Refer to product label and Material Safety Data Sheet for health and safety information before using the product.  
For information please contact your local 3M Office.  
3M Svenska AB, Industri, 191 89 Sollentuna  
[www.3M.se](http://www.3M.se)

3M and Scotch-Grip are trademarks of the 3M Company.

Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications.

This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.



**3M Svenska AB**

**Industri**

Bollstanäsvägen 3

191 89 Sollentuna

Tel: 08-92 22 50

Fax: 08-92 22 88

E-post: [kundservice@mmm.com](mailto:kundservice@mmm.com)

[www.3M.se/tejp](http://www.3M.se/tejp)