

Technical Data Sheet

3M™ Super 77™ Multipurpose Spray Adhesive (Aerosol)

Product Description

A high tack, high coverage and fast drying adhesive.



Product Features

- A high tack, high coverage fast drying, transparent adhesive for permanently attaching foils, carpeting, many lightweight foams, paper, cardboard, felt and cloth to painted or unpainted metals, wood, hardboard and other base materials.
- It provides high initial "grab" with sufficient open time to allow for positioning of materials.
- Low soak-in gives better looking and higher coverage bonds.
- Soft, non-dimpling glue lines

Technical Information Note

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

Typical Physical Properties

| Property | Values | Additional Information |
|---|------------------|--|
| Solids Content by Weight | 25 % | |
| Spray Pattern | Mist | |
| Color | Translucent | |
| VOC | 51 % | |
| Coverage | 114 sq ft | View  |
| Notes: @ 2.5 gms /ft ² per lb (sqft) | | |
| Hazardous Air Pollutants (HAPS) | 0.46 % by weight | |
| Dry Time (s) | 15 to 60 s | View  |

Notes: Dry time will depend on ambient temperature, humidity and coverage applied.

Notes: SAFT Shear Adhesion Failure Test with birch plywood, 1 inch overlap, 100 grams used, temperature start at 90°F and ramped 10°F every 10 min. until complete failure.

| | |
|----------------------|---------------------|
| Flammable Solvent | Yes |
| Flammable Propellant | Yes |
| Base | Synthetic Elastomer |
| Bonding Range | 15 sec - 15 min |

Typical Uncured Physical Properties

| Property | Values | Additional Information |
|----------|----------|------------------------|
| Density | 6 lb/gal | |

Available Sizes

Storage and Shelf Life

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

When stored at the recommended conditions in original, unopened container, this product has a shelf life of 18 months from date of manufacture.

Automotive Disclaimer

Automotive Applications: This product is an industrial product and has not been designed or tested for use in certain automotive applications, including, but not limited to, automotive electric powertrain battery or high voltage applications. This product does not fully adhere to typical automotive design or quality system requirements, such as IATF 16949 or VDA 6.3. This product may not be manufactured in an IATF certified facility and may not meet a Ppk of 1.33 for all properties. The product may not undergo an automotive production part approval process (PPAP). Customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer’s automotive application and for conducting incoming inspections before use of the product. Failure to do so may result in injury, death, and/or harm to property. No written or verbal statement, report, data or recommendation by 3M related to automotive use of the product shall have any force or effect unless in an agreement signed by the Technical Director of 3M’s Automotive Division. Customer assumes all responsibility and risk if customer chooses to use this product in an automotive electric powertrain battery or high voltage application, and 3M will not be liable for any loss or damage arising from or related to the 3M product or customer’s use of the product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity or recall costs), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability. In no event shall 3M be liable for any damages in excess of the purchase price paid for the product.

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Bottom Matter

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References

| Property | Values |
|-----------------------|---|
| 3m.com Product Page | https://www.3m.com/3M/en_US/p/d/b40071862/ |
| Safety Data Sheet SDS | https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=77 Multipurpose Spray Adhesive |

Family Group

Link Tags:

- 77 Multipurpose Spray Adhesive
- 77 Cylinder Spray Adhesive
- 77 Spray Adhesive (Bulk)

| Products | Solids Content by Weight | Spray Pattern | Color |
|--------------------------------|--------------------------|---------------|-------------|
| 77 Multipurpose Spray Adhesive | 25 % | Mist | Translucent |
| 77 Cylinder Spray Adhesive | 27 % | N/A | Translucent |
| 77 Spray Adhesive (Bulk) | 36 % | Mist | Translucent |

Precautionary Information

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

Information

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