



# Technical Data Sheet

## 3M™ Multi-Purpose 27 Spray Adhesive



Product Details



Regulatory Info/SDS

### Product Description

A versatile, economical, industrial grade, mist spray aerosol adhesive.

### Product Features

- Extremely versatile adhesive for lightweight applications.
- Fast tacking mist spray adhesive with very little soak in on porous substrates.
- Ideal for bonding paper, cardboard, plastic films, soft foam, and fiberglass insulation

### 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 Uncured Physical Properties

Attribute Name	Value
Density	6.8 lb/gal

### Typical Physical Properties

Attribute Name	Value
Color	Translucent
Solids Content by Weight	21 %
Base	Synthetic Elastomer
Spray Pattern	Mist
Dry Time	15 s <sup>1</sup>
Flammable Solvent	Yes
Flammable Propellant	Yes
Coverage	78 ft <sup>2</sup> <sup>2</sup>
Bonding Range	15 sec — 10 min
Container Size	20 fl oz
3M Stock Number	62-4906-4920-9
UPC Number	00-051111-07832-7
Net Weight	13.5 oz
VOC	<59 %
Hazardous Air Pollutants (HAPS)	< 1 % by weight

<sup>1</sup> Dry time will depend on ambient temperature, humidity and coverage applied.

<sup>2</sup> @ 27 g/m<sup>2</sup> (2.5 g/ft<sup>2</sup>) per Can

Attribute Name	Value
Water Vapor Transmission	0.009 US Perms

## Typical Performance Characteristics

Test Method: ASTM E286

Attribute Name	Value
Flame Spread Index	0 <sup>1</sup>
Fuel Contributed Index	0 <sup>1</sup>
Smoke Density Index	16.1 <sup>1</sup>

<sup>1</sup> "Surface Flammability of Building Materials" using an eight (8) foot tunnel furnace.  
Note: No flaming or odor emissions were present during testing. Adhesive application amount was 2.95 gm/ft<sup>2</sup> dry.

Attribute Name	Value
Shear Adhesion Failure Test - SAFT	140 °F <sup>1</sup>

<sup>1</sup> SAFT Shear Adhesion Failure Test with birch plywood, 25 mm (1 in) overlap, 100 g used, temperature start at 32 °C (90 °F) and ramped 5.5 °C (10 °F) every 10 min. until complete failure.

## Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original, unopened packaging, out of direct sunlight. Lower temperatures cause increased viscosity of a temporary nature. For best performance, use this product within 18 months from date of manufacture.

## 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

## Automotive Disclaimer

### Select Automotive Applications:

This product is an industrial product and has not been designed or tested for use in certain automotive applications, such as automotive electric powertrain battery or high voltage applications, which may require the product to be manufactured in a IATF certified facility, meet a Ppk of 1.33 for all properties, undergo an automotive production part approval process (PPAP), or fully adhere to automotive design or quality system requirements (e.g., IATF 16949 or VDA 6.3). Customer assumes all responsibility and risk if customer chooses to use this product in these applications.

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