



Technical Data Sheet

3M™ Polystyrene Foam Insulation 78 Spray Adhesive (Aerosol)



[Product Details](#)



[Regulatory Info/SDS](#)

Product Description

A high strength, industrial grade spray adhesive that is typically used for bonding most types of insulation such as fiberglass, expanded polystyrene foam, and extruded polystyrene foam.

Product Features

- Aggressively tacky industrial grade spray adhesive that is typically used for bonding most types of insulation such as fiberglass, expanded polystyrene foam, and extruded polystyrene foam.
- Will not dissolve polystyrene foam.
- High coverage product.
- Capable of both one and two surface bonding.

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	6.3 lb/gal

Typical Physical Properties

Attribute Name	Value
Color	Translucent
Solids Content by Weight	19.1 %
Base	Synthetic Elastomer
Spray Pattern	Variable Lace
Dry Time	1 to 2 min ¹
Flammable Solvent	Yes
Flammable Propellant	Yes
Coverage	35 ft ² ²
Bonding Range	1-15 min
Container Size	24 fl oz
3M Stock Number	Upright - 62-4951-4950-2 Inverted - 62-4951-4970-0
UPC Number	Upright - 00-021200-41593-7 Inverted - 00-051111-07279-0
Net Weight	17.9 oz
VOC	62.1 %
Hazardous Air Pollutants (HAPS)	< 0.4 % by weight

¹ Dry time will depend on ambient temperature, humidity and coverage applied.

² @ 2.5 gms /ft² per lb (sqft)

Typical Performance Characteristics

Attribute Name	Value
Shear Adhesion Failure Test - SAFT	190 °F ¹

¹ 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.

Industry Specifications

- Meets CARB / OTC VOC Requirements.
- Helps contribute to LEED® credits.

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.

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.

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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