

3M

Polystyrene Foam Insulation 78

Spray Adhesive

Technical Data

June 2012

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.

Key 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.

Typical Properties

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

Product	3M™ Polystyrene Foam Insulation 78 Spray Adhesive (Aerosol)	3M™ Polystyrene Foam Insulation 78 Spray Adhesive (Bulk)
Base:	Synthetic Elastomer	Synthetic Elastomer
Solids Content - (by wt.):	19.1%	35%
Density (lbs/gal):	6.3	6.6
Viscosity (cps):	N/A	<500
Color(s):	Translucent	Translucent
Volatile Organic Compounds (VOC):	62.1%	508 g/L
Hazardous Air Pollutants (HAPS) % wt (calculated):	< .4%	< .4%
CARB Compliant:	Yes	N/A
SCAQMD 1168 Compliant:	N/A	No
GREENGUARD® Certified:	No	No
LEED® Eligible:	Yes	No
Coverage @ 2.5 grams /ft ² per lb. (sqft):	35	63
Spray Pattern:	Variable Lace	Lace
Dry Time:	1 -2 minutes	1 -2 minutes
Bonding Range:	1 – 15 minutes	1 – 15 minutes
Shear Adhesion Failure Test - SAFT ⁽¹⁾ :	190F	190F
Flammable Solvent:	Yes	Yes
Flammable Propellant:	Yes	N/A

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

Available Sizes

Container Size	3M Stock Number	UPC Number
24 Fl. Oz. (Net Wt. 17.9 oz)	62-4951-4950-2	00-021200-41593-7
24 Fl. Oz. (Net Wt. 17.9 oz) Inverted Aerosol	62-4951-4970-0	00-051111-07279-0
5 gallon pail – 33 lbs.	62-4468-8532-9	00-048011-53438-1

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Storage	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.
Shelf Life	When stored at the recommended conditions in original, unopened container, this product has a shelf life of 15 months from date of shipment.
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.
Technical Information	The technical information, recommendations and other statements contained in this document are based upon testes or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.
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