



Hi-Temperature Polystyrene Foam Insulation 78 HT Spray Adhesive

Technical Data

April, 2015

Product Description

A high strength, high temperature resistant, industrial grade spray adhesive with a long open time designed for bonding most types of insulation such as fiberglass, expanded polystyrene foam, and extruded polystyrene foam.

Key Features

- It can permanently bond polystyrene foam, both expanded and extruded, to itself as well as many other materials, without degrading the foam.
- 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™ Hi-Temperature Polystyrene Foam Insulation 78 HT Cylinder Spray Adhesive	3M™ Hi-Temperature Polystyrene Foam Insulation 78 HT Spray Adhesive (Bulk)
Base:	Synthetic Elastomer	Synthetic Elastomer
Solids Content - (by wt.):	15%	27%
Density (lbs/gal):	5.8	6.4
Viscosity (cps):	N/A	200 - 400
Color(s):	Blue	Blue
Volatile Organic Compounds (VOC):	601 g/L	505 g/L
Hazardous Air Pollutants (HAPS) % wt (calculated):	.03%	1.5%
CARB Compliant:	N/A	N/A
SCAQMD 1168 Compliant:	No	No
GREENGUARD Indoor Air Quality Certified®:	No	No
LEED® Eligible:	No	No
Coverage @ 2.5 gms /ft ² per lb (sqft):	27.2	49
Spray Pattern:	Lace	Lace
Dry Time:	1 – 2 minutes	1 – 2 minutes
Bonding Range:	1 – 60 minutes	1 – 60 minutes
Shear Adhesion Failure Test - SAFT ⁽¹⁾ :	250°F	250°F
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
Mini Cylinder – 8.5 lbs.	62-4928-8010-9	0-051115-31593-0
Large Cylinder – 28.5 lbs.	62-4928-8030-7	00-051115-31594-7
Intermediate Cylinder – 138.6 lbs.	62-4928-8150-3	00-051115-31595-4
Jumbo Cylinder – 287.1 lbs.	62-4928-8300-4	00-051115-31596-1
5 gallon pail – 29 lbs.	62-4908-8530-8	00-051111-07571-5
54 gallon drum – 313.2 lbs.	62-4908-9530-7	00-051111-07572-2



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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 tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.
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