

3M

Super 77™ Multipurpose Spray Adhesive

Technical Data

March 2012

Product Description

A high tack, high coverage and fast drying adhesive.

Key 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

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™ Super 77™ Multipurpose Spray Adhesive	3M™ Scotch-Weld™ Super 77™ Cylinder Spray Adhesive	3M™ Super 77™ Spray Adhesive
Base:	Synthetic Elastomer	Synthetic Elastomer	Synthetic Elastomer
Solids Content - (by wt.):	25%	27%	36%
Density (lbs/gal):	6.0	6.5	6.5
Viscosity (cps):	N/A	N/A	200 - 5000
Color(s):	Translucent	Translucent	Translucent
Volatile Organic Compounds (VOC):	51%	548 g/L	504 g/L
Hazardous Air Pollutants (HAPS) % wt (calculated):	.4%	.93%	1.2%
CARB Compliant:	Yes	N/A	N/A
SCAQMD 1168 Compliant:	N/A	No	No
GREENGUARD Indoor Air Quality Certified®:	No	No	No
LEED® Eligible:	Yes	No	No
Coverage @ 1 gms /ft ² per lb (sqft):	114 sqft	124 sqft	168 sqft
Spray Pattern:	Mist	Mist	Mist
Dry Time:	15 seconds – 1 minute	15 seconds – 1 minute	15 seconds – 1 minute
Bonding Range:	15 seconds – 15 minutes	15 seconds – 15 minutes	15 seconds – 15 minutes
Shear Adhesion Failure Test - SAFT ⁽¹⁾ :	150F	150F	150F
Flammable Solvent:	Yes	Yes	Yes
Flammable Propellant:	Yes	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. 16.75 oz)	62-4977-4930-9	00-021200-21210-9
Large Cylinder – 29.3 lbs.	62-4979-8030-0	00-051115-25776-6
5 gallon pail – 32.5 lbs.	62-4458-8530-4	00-021200-43793-9
52 gallon drum – 338 lbs.	62-4458-9530-3	00-021200-43813-4

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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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Industrial Adhesives and Tapes Division
3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (Fax)
www.3M.com/industrial

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