

March, 2015

3M™ Hi-Strength 90 Spray Adhesive (Cylinder)

Product Description

An industrial grade spray adhesive that is typically used for bonding HPL to wood.

Product Features

- A high strength, fast, contact-type adhesive
- Excellent adhesive for decorative laminates, particleboard, and many other materials, even polyethylene, polypropylene, and SBR rubber
- Has excellent heat resistance



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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 Physical Properties

Property	Values	Notes
Color	Translucent	
Solids Content by Weight	13 %	
VOC	571 g/L	
Coverage	23.6 sq ft	@ 2.5 gms /ft ² per lb (sqft)
Hazardous Air Pollutants (HAPS)	0 % by weight	
SCAQMD 1168 Compliant	No	
Spray Pattern	Lace	
Dry Time	1 min	Dry time will depend on ambient temperature, humidity and coverage applied.
Shear Adhesion Failure Test - SAFT	250 °F	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.
Flammable Solvent	Yes	
Flammable Propellant	Yes	
Base	Synthetic Elastomer	
Bonding Range	1-10 min	

Typical Uncured Physical Properties

Density: 5.7 lb/gal

Available Sizes

Container Size	3M Stock Number	UPC Number
24 Fl. Oz. (Net Wt. 17.6 oz) - Aerosol	62-4942-4950-1	00-021200-30023-3
24 Fl. Oz. (Net Wt. 16.9 oz) – Inverted Aerosol	62-4942-4970-9	00-051111-07278-3
Large Cylinder – 28.8 lbs.	62-4994-8030-9	00-021200-41554-8
Intermediate Cylinder – 141.6 lbs.	62-4994-8150-5	00-051115-25774-2
Jumbo Cylinder – 283.2 lbs.	62-4994-8300-6	00-051115-25775-9
5 gallon pail – 32.5 lbs.	62-4479-8532-6	00-021200-43797-7
54 gallon drum – 338 lbs.	62-4479-9532-5	00-021200-43814-1

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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 21 months from date of manufacture.

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References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/~ /3M-Hi-Strength-90-Spray-Adhesive/?N=5002385+3293242219&rt=rud
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=90 Cylinder

Family Group

	90 Aerosol	90 Cylinder	90 Bulk
Color	Translucent	Translucent	Translucent
Solids Content by Weight (%)	23	13	23
Spray Pattern	Variable Lace	Lace	Lace

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.

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Information

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