

March, 2015

## **3M™ Hi-Strength 90 Spray Adhesive (Aerosol)**

### **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

# 3M™ Hi-Strength 90 Spray Adhesive (Aerosol)

## 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	
Density	6 lb/gal	
Solids Content by Weight	13 %	
VOC	<55 %	
Coverage	23.6 sq ft	@ 2.5 gms /ft <sup>2</sup> per lb (sqft)
Hazardous Air Pollutants (HAPS)	<0.1% by weight	
Viscosity	N/A cP	
CARB Compliant	No	
GREENGUARD Air Quality Certified®	No	
SCAQMD 1168 Compliant	N/A	
Spray Pattern	Variable Lance	
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 to 10 min	

## 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 18 months from date of manufacture.

## Trademarks

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LEED® is a registered trademark of the United States Green Building Council (USGBC).

## Family Group

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

## References

1. 3m.com Product Page

Url: [http://www.3m.com/3M/en\\_US/company-us/all-3m-products/~/3M-Hi-Strength-90-Spray-Adhesive?N=5002385+3293242219&rt=rud](http://www.3m.com/3M/en_US/company-us/all-3m-products/~/3M-Hi-Strength-90-Spray-Adhesive?N=5002385+3293242219&rt=rud)

2. Safety Data Sheet

Url: [https://www.3m.com/3M/en\\_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en\\_US&co=ptn&q=90 Aerosol](https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=90 Aerosol)

## 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.

## Product Selection and Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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St. Paul, MN 55144-1000  
800-362-3550  
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