

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 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 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.

## Information

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## References

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

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## 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

## 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.

