

Oct, 2020

# 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



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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	23 %	
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	
CARB Compliant	No	
GREENGUARD Air Quality Certified®	No	
Spray Pattern	Variable Lace	
Dry Time	1 min	Dry time will depend on ambient temperature, humidity and coverage applied.
Shear Adhesion Failure Test - SAFT	210 °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	

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## Typical Physical Properties (continued)

Property	Values	Notes
Flammable Propellant	Yes	
Base	Synthetic Elastomer	
Bonding Range	1 to 10 min	

## Typical Uncured Physical Properties

**Density:** 6 lb/gal

## 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.

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

## References

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

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## 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.

## Information

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