

January 2021

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
Colour	Translucent	
Solids Content by Weight	23%	
VOC	<55 %	
Coverage	2.1925 m ² (23.6 sq ft)	@ 2.5 dry gms / ft ² per lb (sq ft)
Hazardous Air Pollutants (HAPS)	<0 .1 % by weight	
CARB Compliant	No	
GREENGUARD Air Quality Certified®	No	
Spray Pattern	Variable Lance	
Dry Time	1 min	Dry time will depend on ambient temperature, humidity and coverage applied.
Shear Adhesion Failure Test – SAFT	98.9 °C (210 °F)	SAFT Shear Adhesion Failure Test with birch plywood, 1 inch overlap, 100 grams used, temperature start at 32.2 °C (90°F) and ramped -12.2 °C (10°F) every 10 min. until complete failure.
Flammable Solvent	Translucent	
Flammable Propellant	Yes	
Base	Synthetic Elastomer	
Bonding Range	1 to 10 min	

Typical Uncured Physical Properties

Density: 718.9 g/L (6 lb / gal)

Storage and Shelf Life

Store product at 16-27 °C (60-80 °F) 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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Trademarks

3M is a trademark of 3M Company.

The GREENGUARD INDOOR AIR QUALITY CERTIFIED Mark is a registered certification mark owned by Air Quality Sciences, Inc. and used under license through the Greenguard Environmental Institute.

References

Property	Values
3M.ca product page	https://www.3mcanada.ca/3M/en_CA/company-ca/all-3m-products/~ / 3M-Hi-Strength-Spray-Adhesive-90/?N=5002385+8709320+8709332+8710676+8710815+8713605+8724829+3293242219&preselect=3293786499+3294529206&rt=rud
Safety Data Sheet (SDS)	https://multimedia.3m.com/mws/mediawebserver?mwsId=SSSSSuUn_zu8IZNU482ZPxm9Pv70k17zHvu9IxtD7SSSSSS--

Family Group

	90 Aerosol	90 Cylinder	90 Bulk
Colour	Translucent	Translucent	3M.ca Product Page
Solids Content by Weight (%)	23	13	23
Spray Pattern	Variable Lace	Lace	Lace

Precautionary Information

Refer to product label and Safety Data Sheet (SDS) 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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