

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 ² per lb (sqft)
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	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

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

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

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.

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

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 Aerosol

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.

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

Information

Technical Information: The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

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. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Warranty, Limited Remedy, and Disclaimer: Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which cases such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability: Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.



3M United States
3M Center
St. Paul, MN 55144-1000
800-362-3550
www.3M.com

Please recycle.
© 3M 2020. All Rights Reserved.

The brands listed above are trademarks of 3M