



Technical Data Sheet

Preliminary 3M™ Hi-Strength Spray Adhesive 90 Low VOC



Regulatory
Info/SDS

Product Description

An industrial grade, high strength aerosol spray adhesive. Designed for use in construction, woodworking, specialty vehicle, RV, and manufactured housing.

Product Features

- Designed to bond wood, metal, plastics, foam, laminate, concrete and MDF.
- A high strength, fast, contact-type adhesive
- Helps contribute to LEED® credits
- GREENGUARD Indoor Air Quality Certified®

Technical Information Note

The following data is taken from tests conducted on a limited number of production runs. 3M will continue to test samples from additional manufacturing lots and issue a new Technical Data Sheet if the results change.

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Typical Uncured Physical Properties

Attribute Name	Value
Density	0.87 kg/L

Typical Physical Properties

Attribute Name	Value
Color	Clear
Solids Content by Weight	16.3 %
Base	Synthetic Elastomer
Spray Pattern	Variable Lace
Dry Time	1 — 4 min ¹
Flammable Solvent	Yes
Flammable Propellant	Yes
Coverage	3.25 m ² (34.9 ft ²) ²
Bonding Range	1-30 min
Net Weight	540 g (19 oz)

¹ Dry time will depend on ambient temperature, humidity and coverage applied.

² @ 27 g/m² (2.5 g/ft²) per Can

Typical Performance Characteristics

Attribute Name	Value
Shear Adhesion Failure Test - SAFT	99 °C (210 °F) ¹

¹ SAFT Shear Adhesion Failure Test with birch plywood, 25 mm (1 in) overlap, 100 g used, temperature start at 32 °C (90 °F) and ramped 5.5 °C (10 °F) every 10 min. until complete failure.

Industry Specifications

- Meets CARB / OTC VOC Requirements
- Helps contribute to LEED® credits
- GREENGUARD Indoor Air Quality Certified®

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original, unopened packaging, out of direct sunlight. Lower temperatures cause increased viscosity of a temporary nature. For best performance, use this product within 18 months from date of manufacture.

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

Automotive Disclaimer

Select Automotive Applications:

This product is an industrial product and has not been designed or tested for use in certain automotive applications, such as automotive electric powertrain battery or high voltage applications, which may require the product to be manufactured in a IATF certified facility, meet a Ppk of 1.33 for all properties, undergo an automotive production part approval process (PPAP), or fully adhere to automotive design or quality system requirements (e.g., IATF 16949 or VDA 6.3). Customer assumes all responsibility and risk if customer chooses to use this product in these applications.

Information

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