



3M™ VHB™ Tape Universal Primer UV

Technical Data

August, 2016

Product Description 3M™ VHB™ Tape Universal Primer UV can be used to promote adhesion of 3M VHB tapes to a broad range of surfaces such as polypropylene, ABS, acrylic, polycarbonate, nylon, FRP, Rigid PVC, glass, metal and painted surfaces. A fluorescent dye has been added to help verify primer coverage.

Typical Physical Properties and Performance

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

Characteristics

Solids:	Approximately 5%
Color:	Clear, colorless
Flashpoint:	-5°F (-21°C) O.C.
Coverage:	600 ft ² /gal (14.7 m ² /L)
Net Weight:	820 g/L
Viscosity:	Typical range is 2-8 cps (25 cps maximum)
VOC:	429 g/L

Application Techniques

Surface Preparation: The bonding surface must be relatively clean and dry.

Contaminated surfaces should be cleaned with a 50/50 Isopropyl Alcohol and water mixture. A clean lint-free cloth should be used.

Application: Shake 3M VHB Tape Universal Primer UV well before using. Apply a thin uniform coating to the bonding surface using the minimum amount that will fully coat the surface. Allow 3M VHB Tape Universal Primer UV to dry thoroughly before applying tape (30-90 seconds). The tape should be applied or the bond made to the prepared surface within 8 hours of primer application. Be sure the primed surface remains free from contaminants prior to applying the tape. Porous surfaces may require 2 applications of primer for uniform coverage and good adhesion. Allow first application of primer to dry before applying the second coat. 3M VHB Tape Universal Primer UV may be applied with a brush, swab or felt-tipped dauber bottle applicator⁽¹⁾, a pressurized flow gun, knurled roller or other similar type of application equipment. Applicator heads should be cleaned or replaced regularly.

Clean up: 3M VHB Tape Universal Primer UV can be removed with acetone. Vigorous scrubbing may be required. Test in small area to ensure acetone will not affect the substrate surface.

Note: Carefully read and follow manufacturer's precautions and directions for use when handling cleaning solvents.)

(1) Designetics, Inc. (www.designetics.com)

3M VHB Tape Universal Primer UV

Shelf Life 18 months from date of manufacture when stored in the original container at 60-80°F (15-27°C).

- Keep 3M VHB Tape Universal Primer UV in the original container.
- Transfer only a small amount into a work vessel for use.
- When not in use, keep original container tightly sealed to avoid solvent evaporation and worker exposure.

Technical Information The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product 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. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

Warranty, Limited Remedy, and Disclaimer Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 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 OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 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 where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.



This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.



Industrial Adhesives and Tapes Division

3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (Fax)
www.3M.com/industrial

3M and VHB are trademarks of 3M.
©3M 2016 78-9236-7289-9 (8/16)