



# 3M™ VHB™ Tape Universal Primer UV

Technical Data

May, 2017

## 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

<b>Solids:</b>	Approximately 5%
<b>Colour:</b>	Clear, colourless
<b>Flashpoint:</b>	-21°C (-5°F) O.C.
<b>Coverage:</b>	14.7 m <sup>2</sup> /L (600 ft <sup>2</sup> /gal)
<b>Net Weight:</b>	820 g/L
<b>Viscosity:</b>	Typical range is 2-8 cps (25 cps maximum)
<b>VOC:</b>	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<sup>(1)</sup>, 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](http://www.designetics.com))

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

- 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.

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**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.

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**ISO 9001**

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



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