

May, 2013

3M™ Tape Primer 94

Product Description

3M™ Tape Primer 94 can be used to promote adhesion of 3M tapes to surfaces such polyethylene, polypropylene, ABS, PET/PBT blends, concrete, wood, glass, metal and painted metal surfaces.



3M™ Tape Primer 94

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 Uncured Physical Properties

Viscosity

Typical range is 1-10 cps (35 cps maximum) cP

Typical Physical Properties

Property	Values	
Net Weight	820 g/L	
Flash Point	-20 °C	-4 °F
Coverage	14.7 m²/L	600 sq ft/gal
Color	Clear light yellow – clear dark orange	
Solids Content by Weight	6 %	

Low VOC Alternates

Low VOC Alternates	g/l VOC	Substrates
3M™ Scotch-Weld™ Plastic Adhesive 2262 Thin 5 or 10 to 1 in acetone	196	Powder Paints
3M™ Scotch-Weld™ Plastic Adhesive 1099 Unthinned	0	Neoprene, Santoprene, EPDM
Note: 3M primer 94 contains greater than 250 g/l of volatile organic carbons (VOC). Less water, less exempt solvents. Please contact your local Air Quality Regulation to be sure this primer is compliant.		

3M™ Tape Primer 94

Handling/Application Information

Application Techniques

Shake 3M Primer 94 well before using. Apply a thin uniform coating to the bonding surface using the minimum amount that will fully coat the surface. Allow 3M Primer 94 to dry thoroughly before applying tape. This is usually accomplished in 5 minutes at room temperature. Be sure the primed surface remains free from contaminants prior to applying the tape. Porous surfaces may require 2 applications of 3M Primer 94 for uniform coverage and good adhesion. Allow first application of primer to dry before applying the second coat. 3M Primer 94 may be applied with brush or swab. It can also be applied with a pressurized flow gun, knurled roller or other similar type of application equipment.

Clean up: 3M Primer 94 can be removed with acetone. Vigorous scrubbing may be required. Test in small area to insure acetone will not affect the substrate surface.

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

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.

Storage and Shelf Life

When stored under proper conditions, product retains its performance and properties for 18 months from date of manufacture when stored in the original container at 60-80°F (15-27°C).

- Keep 3M™ Tape Primer 94 in the original container.
- Transfer only a small amount into a work vessel for use.
- Keep original container tightly sealed to avoid solvent evaporation.

Trademarks

3M and Scotch-Weld are trademarks of 3M Company.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/~ /3M-Tape-Primer-94/?N=5002385+3293194218&rt=rud

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References (continued)

Property	Values
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=94

ISO Statement

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

Information

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