



Tape Primer

94

Technical Data

October, 2002

Product Description

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

Low VOC Alternates

| | g/l VOC | Substrates |
|--|---------|-------------------------------|
| 3M™ Scotch-Grip™ Plastic Adhesive 2262 Thin 5 or 10 to 1 in acetone | 196 | Powder Paints |
| 3M™ Scotch-Grip™ Plastic Adhesive 1099 Unthinned | 0 | Neoprene, Santoprene, EPDM |

Note: 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.

Typical Physical Properties and Performance Characteristics

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

| | |
|--------------------|--|
| Solids: | Approximately 6% |
| Color: | Clear light yellow – clear dark orange |
| Flashpoint: | -4°F (-20°C) O.C. |
| Coverage: | 600 sq. ft. (211 sq. m/l) per gallon |
| Net Weight: | 750 grams per liter |
| Viscosity: | 35 ± 5 cps. |

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 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 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 primer 94 for uniform coverage and good adhesion. Allow first application of primer to dry before applying the second coat. 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: Primer 94 can be removed with isopropyl alcohol. Vigorous scrubbing may be required.

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

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Shelf Life

One year from date of receipt by customer when the following conditions are observed:

- 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.

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.

For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit www.3M.com/adhesives. Address correspondence to: 3M Industrial Adhesives and Tapes Division, 3M Center, Building 220-7E-01, St. Paul, MN 55144-1000. Our fax number is 651-733-9175. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

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ISO 9002

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9002 standards.

3M

Industrial Adhesives and Tapes Division

3M Center, Building 220-7E-01
St. Paul, MN 55144-1000



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