



Adhesion Promoter 4298UV

Technical Data Sheet

April 2008

Supersedes Technical Data Sheet dated March 2003

General Description 3M™ Adhesion Promoter 4298UV is a liquid primer used to improve the adhesion of 3M™ Acrylic Foam Tapes to low surface energy plastics such as thermoplastic olefins (TPO), thermoplastic urethanes (TPU), and polypropylene. A fluorescent dye has been added so that primer coverage can be verified. Since formulations vary for these materials, each application should be verified through testing. 3M adhesion promoter 4298UV is specifically formulated to be used with 3M acrylic foam tapes for automotive applications.

Shelf Life Shelf life is one year from date of receipt by customer when stored in the original container at 4°C – 38°C (40°F – 100°F) and 0 – 95% relative humidity. Storage at lower temperatures for short periods will not affect product performance if the promoter is applied at recommended temperatures.

| | | |
|----------------------------|--------------------|---|
| Physical Properties | Color | Straw |
| | Viscosity | 25 centipose maximum |
| | Drying Time | 30-90 seconds |
| | Coverage | 75 m ² (800 ft ²) per gallon (Based on 0.002 inch wet coating thickness) |
| | Net Weight | 820 g/l (6.8 lb/gal) |

Safety Procedures Observe proper handling precautions as outlined in the Material Safety Data Sheet (MSDS), which is available on request. The website address for 3M MSDSs is www.3M.com/msds.

Equipment 3M adhesion promoter 4298UV can be applied by a gravity feed wipe, knurled roller, sprayer and felt-tipped applicator or other similar type applicator. Applicator heads should be cleaned or replaced regularly. A convenient application system is available through your 3M Automotive Division representative.

Surface Preparation The bonding surface should be clean and dry. Contaminated surfaces should be cleaned with an untreated, lint-free cloth and an appropriate solvent (typically isopropyl alcohol).*

Application Shake well before using. Apply thin, uniform coating to the bonding surface, using the minimum amount that will fully coat the surface. A wet coating thickness of 0.002 inch or less ensures a good application. Although drying times may vary due to temperature and/or humidity, a drying time of 30-90 seconds is indicative of this thickness. The primer should be dry before applying the tape. For best results, apply tape within one hour after primer application. Be sure the primer surface remains free from contaminants prior to laminating the tape.

Clean-Up 3M™ Adhesion Promoter 4298UV can be removed with acetone* solvent. Vigorous scrubbing may be required.

Technical Data Sheet

3M™ Adhesion Promoter 4298UV

Page 2

***Note:** When using solvents, extinguish all ignition sources and follow the manufacturer's precautions and directions for use.

3M is a Trademark of 3M Company.

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.

3M

Automotive Division

3M Center, Building 223-1S-02
St. Paul, MN 55144-1000
www.3M.com/autosolutions

© 3M 2008
75-3468-5020-1
Printed in the U.S.A.