



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.

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

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