



Automotive Technical Datasheet

3M™ Adhesion Promoter Primer

4297

Description

3M™ Adhesion Promoter 4297 assures good bond in particular in connection with double sided Acrylic Foam Tapes for a large array of plastics that are used in the Automobile industry.

General Properties	
Base	Polyamide resin
Solvent	Isopropanol /Toluene
Color	clear, slightly yellow
Consistency	thin
Solid content	13 %
Recommended surfaces	PVC, PUR, ABS, PET, GFK, PC (limited for automotive clear coats, metal surfaces, CFK)

Surface Preparation

The surface must be dry and free of dust, oil and other impurities. If necessary, we recommend cleaning the surface with a raw material compatible solvent and/or, in extreme cases, roughen the surface with sandpaper.

Handling Instructions 3M™ Adhesion Promoter 4297

Application

The primer is to be shaken well before use and applied evenly to the surface. The coating weight depends on the surface roughness of the substrate. A value for orientation would be 2 g/m² solid coating of 4297 (solid content = 13%) on smooth surfaces (e.g. car paint).

The drying time depends on temperature, humidity and air circulation as well as on the porosity of the surface.

Only after the solvent has completely evaporated, is the surface ready for bonding (2-15 min.).

The recommended ambient temperature for the application of the primer is between 15°C and 25°C.



Storage and Handling

In sealed original cans the primer can be stored at temperatures between 15° and 25°C. It shall be used within one year after filling date, please regard to the “best before” date on the label.

Storage at low temperatures can lead to gel particles in the adhesion promoter. With careful warming (e.g. in a water bath), mixing or shaking the gel particles can be dissolved again.

After the can has been opened the primer should be used up completely.

Safety Instructions

See material safety data sheet

Important notice to purchaser

All statements, technical information and recommendations herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed. Please ensure before using our product that it is suitable for your intended use. All questions of liability relating to this product are governed by the Terms of Sale subject, where applicable, to the prevailing law.



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