



3M AP596 Adhesion Promoter

Product Data Sheet

October 2009
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Product Description 3M AP596 Adhesion Promoter is an organic solution of polysilanes.

Key Features 3M AP596 Adhesion Promoter can be used to improve the adhesion of polyurethane sealants upon glass with ceramic silk-screen printing. For other uses, refer to our technical service.

Typical Uncured Properties		
	Viscosity	Extremely low (ca. 1 mPa s)
	Density at 20 °C	ca. 0.80
	Drying Time at 20 °C	ca. 30 s
	Conventional solids content (EN 827)	3 %
	Colour	Transparent, colourless

Performance Characteristics		
	Application temperature	15 – 30 °C

Instructions for Use **Substrate preparation :**
The substrates to be assembled must be dry and dust free. When using solvents, extinguish all sources of ignition and carefully follow the safety and handling instructions given by the manufacturer.

Application Techniques Thoroughly shake the bottle before use.
If 3M AP596 Adhesion Promoter gets cloudy, do not use it anymore. Close immediately the bottle after use because 3M AP596 Adhesion Promoter is very sensitive to humidity.
- As cleaner, 3M AP596 Adhesion Promoter can be applied with a clean and dry cloth (not fluffy) and wiped just after evaporation of the solvent, i.e. 30 to 60 seconds after application. Then wait for a minimum drying time of 10 minutes.
As primer, a thin and regular film of 3M AP596 Adhesion Promoter can be applied with a brush or a lint-free applicator pad. After drying (10 minutes minimum), apply the sealant within a one hour deadline, proceeding according to the instructions of its technical data sheet.

Shelf Life

3M AP596 Adhesion Promoter has a shelf life of 12 months from date of dispatch by 3M when stored in the original carton at 21°C (70°F) & 50 % Relative Humidity for maximum shelf life

Shelf life of 1 month after first opening.

Precautionary Information

Refer to product label and Material Safety Data Sheet for health and safety information before using the product.

Important Notice

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Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations

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