



# DELTA<sup>®</sup> D407 POLYPROPYLENE PRIMER

## PRODUCT DESCRIPTION

DELTA D407 POLYPROPYLENE PRIMER is a new surface modifier overcoming the difficulties often experienced with modern plastics, thermoplastics, elastomers, olefins and silicones.

It combines the latest in surface tension modification with selected Delta Cyanoacrylate Adhesives. Curing on demand, the combination of D407 and adhesive will overcome the most difficult non-polar plastics and low energy surfaces, giving very acceptable bond strengths. It is simple to apply and can be sprayed or brushed onto previously prepared surfaces.

## AREAS OF USE

- Silicone cord, sheet, profiles, moulded parts.
- Santoprene Cord, sheet, profiles, moulded parts.
- E.P.D.M. Elastomers, sheet, profiles.
- Modern plastics, surlyn, etc.
- Polyolefins (teflons).
- Polypropylene/blends (PP).
- Polyethylene/blends (PE).

## APPLICATION

Ensure both surfaces are free from contamination, the use of Delta Cleaning Wipes is recommended. D407 Primer can be brushed on to the surface or dripped allowing the solvent to evaporate. Good surface cleanliness is needed to obtain coverage of the Primer. Primer is used only on difficult to bond surfaces where combinations such as Polypropylene to metal is in use, only prime the Polypropylene.

### CAUTION

*Strength achievement appears good in the first 5 minutes, however, only 20% of the ultimate strength will be found at this early stage. For best results, do not stress parts until after 24 hours to avoid failures.*



<b>TECHNICAL DATA</b>	Solvent Base	Heptane
	Colour	Water White
	Cure speed	<10 seconds
	Viscosity	3 - 6 cps
	Flash Point	Heptane - 12°C
	Shelf Life	12 months @ 20°C
	SG. @ 20°C	0.75
	Drying Time	<30 secs (both)
	Active Life	3 - 6 hours
	Storage & Shelf Life	Store in a cool area at a maximum of 20°C and out of direct sunlight.

**CURED PERFORMANCE (PEEL)**

This Primer/Adhesive combination is not suitable where high peel resistance is needed. Testing is @ RH 55% @ 20°C and parts are allowed to cure fully for 24 hours.

**HEALTH AND SAFETY**

- Refer to the relevant Material Safety Data Sheet (MSDS).

**PACKAGING**

- Available in 50ml brush pack. Other packs available on request.

**LEGAL NOTICE**

The data contained within this Technical Data Sheet is furnished for information only and is believed to be reliable at the time of issue. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the responsibility of the customer to determine the products suitability for use. Delta Adhesives Limited accepts no liability arising out of the use of this information or the product described herein.

Delta Adhesives Limited, Units 39 - 41, Claycliffe Business Park, Cannon Way, Barugh Green, Barnsley, S75 1JU  
Tel: (01226) 381 571 Fax: (01226) 381 722



[www.delta-adhesives.co.uk](http://www.delta-adhesives.co.uk) email: [info@delta-adhesives.co.uk](mailto:info@delta-adhesives.co.uk)

