

Technical Data Sheet

Plasto-Mend TPO Adhesion Promoter is a chemical bonding prep formulated for the repair and refinishing of problem plastics. It has a unique blend of chlorinated polyolefins to promote adhesion of coatings and repair materials to PP (Polypropylene), PE (Polyethylene), TPO (Thermoplastic Olefins), and most difficult to bond plastics.

SUITABLE SUBSTRATES

Substrate		Substrate		Substrate	
Bare Steel		Raw Plastic - Rigid (SMC, BMC) +		Primer - Self-Etching	
Bare Galvanized		Raw Plastic - Flexible (ABD, PPO) +	✓	Primer - 1K	
Bare Aluminum		Raw Plastic - Soft (PUR) +	✓	Primer - 2K	
OEM E-Coat**		Plastic Part - Primed ++	✓	OEM Finish & Old Paint Work - Reversible	
Fiberglass/SMC Gel Coat		Body Filler		OEM Finish & Old Paint Work - Non-Reversible	

** Aftermarket E-coat must be solvent tested with Transtar Urethane Grade Reducers 6700 or 6700-F Series in an inconspicuous spot before application of new coating.

+ Due to the diverse nature of plastics, always test plastic substrate for acceptable adhesion. Adhesion promoter maybe required for proper adhesion.

++ Test pre-primed panels with acetone or paint thinner. If coating fails, strip panel to bare plastic & follow SOP 251 for Raw Plastic.

MIXING



By Volume: Ready to Spray

FLASH TIMES/DRY TIMES



To priming: 10-15 minutes

SURFACE PREPARATION



Clean parts thoroughly using a plastic cleaner such as Transtar's SCAT 6311, Speedi SCAT 6321, Aqua SCAT 1391/1394 or Scuff & Prep Paste 6338 with a scuff pad to enhance the performance of the repair material.

SPRAY GUN SET-UP/APPLICATION



Gun Type	HVLP/LVLP	Gravity Feed
Fluid Tip	1.2 - 1.5	1.2 - 1.4
Air Pressure	10 PSI @ aircap	25 - 35 PSI @ regulator

LIMITATIONS & PRECAUTIONS

- For use only by professional, trained painters. Not for sale to or use by the general public.
- Before use, read and follow all TDS, label and SDS precautions.
- See next page for more detailed production application.

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SPRAY GUN SET-UP

Gun Type	Siphon Feed	Gravity Feed	Pressure Feed	HVLV/LVLP
Fluid Tip	1.2 - 1.6	1.2 - 1.4	1.0 - 1.2	1.2 - 1.5 mm
Air Pressure	35 - 45 PSI	25 - 35 PSI	40 - 50 PSI	10 PSI (@ aircap)
Fluid Pressure	N/A	N/A	8 - 10 PSI	N/A

Always refer to gun manufacturer's recommendation for proper set up and spray pressure.

APPLICATION & FILM BUILD

Plasto-Mend TPO Adhesion Promoter is used for all repairs and refinishing of PP, PE, and TPO plastics. Apply Plasto-Mend TPO Adhesion Promoter in one light even coat. Allow to dry 10 - 15 minutes before priming, applying of repair material, or topcoating.

Note: For best results, do not apply more than one coat. NOT FOR USE ON SMC, ABS OR PULSE PLASTICS.

PRODUCT SPECIFICATIONS

Color: Pale Yellow	Shelf Life: 3 years
Size: Gallon (1021), 5 Gallon (1025)	

REGULATORY

Category: Adhesion Promoter			
VOC Actual	5.48#/gal (656 g/l)	Weight % of Exempt Compounds	11.50
VOC Regulatory	6.19#/gal (742 g/l)	Volume % of Exempt Compounds	11.48
Weight % of Volatiles	94.51	Density of Material #/gal	6.60
Weight % of Water	0		