

Technical Data Sheet

Transtar Select Luxury Sealer is a high quality sealer. It has excellent leveling and gloss hold out and is compatible with water and solvent basecoat/clearcoat and single stage systems.

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 Unbroken 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.

MIXING



By Volume: 4 parts Luxury Sealer (OR2101)
1 part Select Activator (OR1024/OR1034/OR1044)
1 part 6700 or 6700-F Series Transtar Urethane Grade Reducer*

Pot Life 2.5 hours (@70°F and 50% relative humidity)

* Use reducer according to shop conditions. Using urethane grade reducer will increase VOC's. For tinting instructions and the use of additives, please refer to next page.

FLASH TIMES/DRY TIMES



Flash Between Coats 5-10 minutes
Dry to Touch 10 minutes
Dust Free 10-15 minutes
Max recoat w/o sanding 3 hours
Force Drying 5 minutes @ 140°F (60°C)

SURFACE PREPARATION



Bare Metal, Steel, Aluminum, Galvanized Metals: 320-400 grit dry
OEM & Refinish Paints: 320-400 grit dry
Clean surface with SCAT 6311, Speedi SCAT 6321 or Aqua SCAT 2 1391/1394 and wipe completely dry
* For more information on surface prep and application refer to next page.

SPRAY GUN SET-UP/APPLICATION



Gun Type	HVLP/LVLP	Gravity Feed
Fluid Tip	1.2 - 1.6 mm	1.2 - 1.6 mm
Air Pressure	10 PSI @ aircap	30 - 40 PSI @ gun inlet
Mil Thickness: 1.0 - 1.5 mils per coat (dry film thickness)		

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.
- If mixed with other components, mixture may be hazards of all combined components.
- See next page for more detailed production application.

Visit www.tat-co.com to assure you are using most updated TDS, to view in other languages and for links to Standard Operating Procedures (SOPs).

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SPRAY GUN SET-UP

Gun Type	Siphon Feed	Gravity Feed	HVLP/LVLP
Fluid Tip	1.4-1.6 mm	1.2-1.6 mm	1.2-1.6 mm
Air Pressure	40-50 PSI (@gun)	30-40 PSI (@ gun)	10 PSI (@ aircap)
Fluid Pressure	N/A	N/A	N/A
<i>Always refer to gun manufacturer's recommendation for proper set up and spray pressure.</i>			

SURFACE PREPARATION

Sanding: Finish sand all areas to be sealed with 400-600 grit or finer sandpaper. For improved adhesion on difficult substrates and for lifetime warranty, it is recommended priming with Transtar Self Etch Primer 6111/6114. Refinish lacquers require entire panel repair. Not recommended for spot repairs over lacquer as lifting may occur. If gelcoat is broken, a polyester primer, such as Kwik Fill 6541-G, should be used.

Cleaning: Clean surfaces using standard refinish techniques to avoid contamination. Wash surfaces thoroughly with soap and water. Rinse well and wipe dry with a clean cloth. Solvent clean with SCAT 6311, Speedi SCAT 6321 or Aqua SCAT 2 1391/1394 and wipe dry with clean cloth.

TINTING & ADDITIVES

Additives: Fisheye Remover (6737) - Can be used at a rate of ¼ to ½ oz per sprayable quart.
Universal Urethane Flex Additive (9194) - May be used refer to TDS for mixing instructions.
Kicker (6417) - DO NOT USE.

Tinting: Can be tinted up to 10% with basecoat toners. Use only unreduced basecoat when tinting. DO NOT tint with single stage urethane or acrylic enamels.

APPLICATION & FILM BUILD

Coats: Apply 1 full wet coat. If desired, additional coats may be used to achieve coverage. Allow 5-10 minute flash.

Film Build: 1.0 - 1.5 mils

Critical Recoat Time: Sealer should be topcoated within 3 hours to avoid adhesion problems. After 3 hours, scuff sand the sealer with gray scuff pad or sand (wet or dry) with 600-800 grit before applying more sealer or basecoat color. Topcoating without sufficient dry times may result in die-back. Denib with 1200-1500 wet, using a coarser grit could gouge the sealer.

PRODUCT SPECIFICATIONS

Weight per gallon: 10.43	Shelf Life: 1 year
RTS Solids by Weight: 47%	Color: Gray
Approximate Coverage: 533 ft ² /gal @ 1 mil	

Recommendations:

- This product provides adhesion and corrosion protection when used over noted (checked) substrates - when properly cleaned, sanded and applied.

REGULATORY

Category: Primer Sealer	OR2101 Select Luxury Sealer	OR1024 Select Activator Fast	OR1034 Select Activator Medium	OR1044 Select Activator Slow	RTU VOC Actual (6700-F Series Reducers)	0.87#/gal (105 g/l)
VOC Actual	0.85#/gal (102 g/l)	1.86#/gal (223 g/l)	1.84#/gal (221 g/l)	1.86#/gal (222 g/l)	RTU VOC Regulatory (6700-F Series Reducers)	1.93#/gal (231 g/l)
VOC Regulatory	1.75#/gal (210 g/l)	2.36#/gal (282 g/l)	2.36 #/gal (282 g/l)	2.37#/gal (284 g/l)	RTU VOC Actual (6700 Series Reducers)	2.12#/gal (254 g/l)
Weight % of Volatiles	43.33	45.31	45.31	45.31	RTU VOC Regulatory (6700 Series Reducers)	3.42#/gal (409 g/l)
Weight % of Water	0	0	0	0		
Weight % of Exempt Compounds	35.17	25.30	25.82	25.62		
Volume % of Exempt Compounds	51.58	21.10	21.90	21.68		
Density of Material #/gal	10.39	9.29	9.44	9.42		

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