

Technical Data Sheet

Signature Series Glamour Clearcoat is a premium high solids clearcoat that delivers an unsurpassed appearance for multi-panel and overall repairs. It features optimum flow and leveling, excellent flexibility, UV protection and is highly resistant to stone chips and abrasions. This product is ideal for use over single stage or base/clearcoat applications. 9461 may be used in air dry, downdraft or force dry applications.

SUITABLE SUBSTRATES

Substrate		Substrate		Substrate	
Solvent-borne Basecoat	✓	Waterborne Basecoat	✓	Acrylic Lacquer	
1K Enamel		2K Enamel	✓		
OEM Finish & Old Paint Work - Reversible		OEM Finish & Old Paint Work - Non-Reversible	✓		

MIXING



By Volume: 2 parts 9461 Glamour Clearcoat
1 part 9400 Series Activators
Optional: Up to 5% 6700 or 6700-F Series Urethane Grade Reducer*

Pot Life 2 hours (@70°F (21°C) and 50% relative humidity)

* Use reducer according to shop conditions. Using reducers other than Zero VOC Urethane Grade Reducers will increase VOC.

FLASH TIMES/DRY TIMES



Flash Between Coats 10-20 minutes
Dust Free 20-45 minutes
Dry to Sand 6-8 hours
Delivery 12 hours
Force Drying 40 minutes @ 140°F (60°C) after a 5 minute flash

Activator	Flash Time	Dust Free
9404 Fast	10 min	20-30 min
9414/9417 Medium	10-15 min	30-40 min
9424/9427 Slow	15-20 min	35-45 min

SURFACE PREPARATION



Tack surface thoroughly before application.

SPRAY GUN SET-UP/APPLICATION



Gun Type	HVLP/LVLP	Gravity Feed
Fluid Tip	1.2 - 1.4	1.2 - 1.4
Air Pressure	10 PSI @ aircap	25 - 35 PSI @ gun inlet
Mil Thickness: 2-3 coats (@ 1.0 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.
- See next page for more detailed production application.

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SPRAY GUN SET-UP

Gun Type	Siphon Feed	Gravity Feed	Pressure Feed	HVLP/LVLP
Fluid Tip	1.4-1.6 mm	1.2-1.4 mm	1.0-1.2 mm	1.2-1.4 mm
Air Pressure	35-45 PSI (@gun)	25-35 PSI (@ gun)	40-50 PSI (@ gun)	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.

SURFACE PREPARATION

Tack thoroughly before application.
For blending clearcoat refer to SOP #513 and # 514.

ADDITIVES

Additives: Kicker (6417) - Can be used at a rate of ½ oz per sprayable quart.
Appearance Improver (6487) - Can be used at a rate of 1-2 oz per sprayable quart.
Fisheye Remover (6737) - Can be used at a rate of ½ oz per sprayable quart.
Universal Urethane Flex Additive (9194) - Use with soft, flexible substrates. Refer to TDS for mixing information.

APPLICATION & FILM BUILD

Apply 2 - 3 flowing coats using the spray gun setting listed above. Flash for 10 – 20 minutes depending on activator used (refer to flash/dry times on page one). Keep spray gun nozzle 6 - 10 inches from the vehicle to avoid entrapment of air in paint film. Always keep containers tightly closed to prevent moisture contamination. Clean equipment thoroughly after use.

Critical Recoat Time: Do not flash for more than 45 minutes between coats. If more than 45 minutes @ 70°F (21°C) is reached, wait at least 5 hours before applying more clear or basecoat. Lightly scuff surface and degrease before application.

Film Build: 2-3 coats @ 1.0 mils per coat. Must have a minimum of 2.0 mils and not to exceed 3.0 mils.

PRODUCT SPECIFICATIONS

Weight per gallon: 8.87	Shelf Life: 1 year
RTS Solids by Weight: 47%	Color: Clear Liquid
Approximate Coverage: 727 ft ² /gal @ 1 mil	Size: Gallon (9461)

REGULATORY

Category: Clearcoat	9461	9404	9414/9417	9424/9427
VOC Actual	1.06#/gal (128 g/l)	1.86#/gal (223 g/l)	1.84#/gal (221 g/l)	1.86#/gal (222 g/l)
VOC Regulatory	1.88#/gal (226 g/l)	2.36#/gal (282 g/l)	2.36#/gal (282 g/l)	2.37#/gal (284 g/l)
Weight % of Volatiles	57.69	45.31	45.31	45.31
Weight % of Water	0	0	0	0
Weight % of Exempt Compounds	45.72	25.30	25.82	25.62
Volume % of Exempt Compounds	43.53	21.10	21.90	21.68
Density of Material #/gal	8.87	9.29	9.44	9.42
		with 9404	with 9414/9417	with 9424/9427
Ready to Use (less water, less exempt compounds)		2.01#/gal (240 g/l)	2.01#/gal (240 g/l)	2.01#/gal (240 g/l)