



4971-01

High Solids Clearcoat

TECHNICAL INFORMATION

Technical Data:

Appearance: Clear liquid

% Solids: 44% RTU

V.O.C.s: 2.67 #/gal (320 g/l)
As packaged.
3.16 #/gal (379 g/l)
Ready to Spray

Mix Ratio: 2:1
Two parts clearcoat
to one part hardener

Reduction: Not required. May
add up to 25%
Urethane Grade
Reducer (6700 series
or 6700-F series) suit
able for the shop
temperature. (Note:
6700 series reducers
will increase
sprayable VOC
content and 6700-F
series reducers will
not increase VOC.)

Pot Life: 3 hrs @ 70°F (21°C)

Coverage: 673ft² @ 1 mil

Product Use:

True Finish High Solids Clearcoat is designed for high productivity in V.O.C. regulated areas. It is suitable for use over single stage topcoats, base/clear applications. This product may be used in air dry, downdraft or force dry situations.

Suitable Substrates:

Automotive refinish basecoats (water and solvent based); automotive refinish single stage (except acrylic lacquer); existing finishes that have been sanded and cleaned.

Hardeners:

The True Finish line offers two convenient hardener choices for dry speed - fast and medium.

5901-06	Hardener - Fast, Spot & Panel	65° - 80°F (18° - 27°C)
5902-06	Hardener - Medium, Multi Panel /Overall	75° - 90°F (24° - 32°C)

Instructions - Mix Ratio:

2 parts High Solids Clearcoat, 4971-01, with 1 part True Finish Hardener 5901-06/5902-06 by volume. Pot life of activated material is 45 - 60 minutes at 75°F (24°C) and 50% relative humidity.

Reduction:

Clearcoat may be reduced up to 25% by volume using the Transtar Urethane Grade Reducer (6700 series or 6700-F series) suitable for the shop temperature. (Note: 6700 series reducers will increase sprayable VOC content and 6700-F series reducers will not increase VOC.)

Application:

Shake well before using. Apply 2 medium wet coats using the gun settings listed in the table below. Allow 10 - 15 minutes flash time between coats (depending upon activator used). For optimum appearance, activate clear immediately before applying. High Solids Clearcoat should not be applied over acrylic lacquers.

Dry Times: At 77°F and 50% Relative Humidity

HARDENER	FLASH TIME	DUST FREE	TACK FREE	SAND/BUFF	DELIVERY
5901-06	5 - 10 min	30 - 35 min	1 - 2 hrs	2 - 3 hrs	4 hrs
5902-06	10 - 15 min	35 - 45 min	1 - 2 hrs	2 - 3 hrs	4 hrs

Gun Set-Up:

GUN TYPE	FLUID TIP	AIR PRESSURE	FLUID PRESSURE
Siphon Feed	1.4 - 1.6 mm	35 - 40 PSI	N/A
Gravity Feed	1.2 - 1.4 mm	25 - 35 PSI	N/A
Pressure Feed	1.0 - 1.2 mm	40 - 50 PSI	8 - 10 PSI
HVLP	1.2 - 1.6 mm	10 PSI Max.(at aircap)	N/A
LVLP	1.2 - 1.6 mm	10 PSI Max.(at aircap)	N/A

Critical Recoat Time:

Do not flash for more than 30 minutes between coats. If more than one hour @ 70°F (21°C) is reached, wait at least 6 hours before applying more clear or basecoat.

Force Dry:

High Solids Clearcoat may be force dried. Allow clear a 15 minute flash time, then baking at 140°F (60°C) for 15 minutes. Allow 2 hour cool down.

Polishing:

For dirt removal, lightly nib sand with 1500 grit abrasive and polish with Tri-Cut II #5331/5334. Finish with Final Finish #5354. For best results, compound within 24 and 72 hours of application.

Availability:

4971-01 High Solids Clearcoat, 1.325 Gallon (5 L), 2/case
5901-06 Hardener - Fast, 0.66 Gallon (2.5 L), 2/case
5902-06 Hardener - Medium, 0.66 Gallon (2.5 L), 2/case



Regulatory Information:

The information contained on this data sheet is believed to be accurate at the time of printing. However, regulations concerning V.O.C. levels are subject to change from time to time. Consult with your local regulatory office for the most current regulations.

(Refer to Material Safety Data Sheet for proper use of products listed in this bulletin.)

Competition:

UPOL	S2084
MIPA	C210 or C50
4CR	7250
Matrix	AG40
Rubberseal	RS6100
Proform	PF638
Roberlo	350HS
Carsystem	VOC420