

ADVANTAGE REFINISH PRODUCTS
TECHNICAL DATA INFORMATION
DATED: MAY 2015

PRODUCT DESCRIPTION

ADVANTAGE #550 UNIVERSAL URETHANE Clearcoat 4.4 VOC was designed for overall and panel refinishing. It is a fast drying, user friendly clearcoat that produces an extremely durable finish. Excellent for use in air and force dry environments.

PRODUCTS

550-1 Universal Urethane Clearcoat	4.4 VOC - Gallon
550-4 Universal Urethane Clearcoat	4.4 VOC - Quart
551-4 Universal Urethane Activator	4.2-4.4 VOC Fast - Quart
551-16 Universal Urethane Activator	4.2-4.4 VOC Fast - Half Pint
552-4 Universal Urethane Activator	4.2-4.4 VOC Med - Quart
552-16 Universal Urethane Activator	4.2-4.4 VOC Med - Half Pint
553-4 Universal Urethane Activator	4.2-4.4 VOC Slow - Quart
553-16 Universal Urethane Activator	4.2-4.4 VOC Slow - Half Pt.

SURFACE PREPARATION

Surface must be clean, dry, and free of any contaminants, such as wax, oil, etc. Always wash vehicle with soap and water. Wipe surface with Wax & Grease Remover. Abrade the surface to remove any corrosion. Re-clean area with Wax & Grease Remover. Prime bare metal with appropriate primers.

MIXING DIRECTIONS

Mix 4 parts #550 clear with 1 part #551, #552, or #553 activator by volume. Activator selection should be based on the size of the part to be painted and the temperature of both the air and part at time of painting.

APPLICATION DIRECTIONS

1. Adjust air pressure to 45-50 psi (Siphon); 35-40 (Gravity @ Gun); 30-40 (HVLP), 6-8 psi (@ cap).
2. Apply 2-3 full wet coats.
3. Allow 10-15 minutes flash time between coats. Keep spray gun 6-10 inches from substrate to avoid problems associated with air entrapment.
4. Allow to dry overnight before exposing to the weather.

ADDITIVES

ACCELERATOR: N/A FISHEYE: N/A

FLEX ADDITIVE: Not required

Note: Do not spray when surface temperature is below 50°F.

SUBSTRATES

Commercially available acrylic/cab basecoats with a VOC less than 6.6 lbs/gal.

GUN SETUPS

CONVENTIONAL

Gravity Feed: 1.3 mm - 1.5 mm

Siphon Feed: 1.3 mm - 1.5 mm

HVLP: 1.3 mm - 1.5 mm

AIR PRESSURES

CONVENTIONAL @ Gun

Gravity Feed:

Siphon Feed:

HVLP:

HVLP @ Cap:

OVERALL

35-40 psi

45-50 psi

30-40 psi

6-8 psi

FLASH/DRY TIMES

	551 @ or above 77°F	552 @ or above 85°F	553 @ or above 95°F
Dust Free	15 minutes	20 minutes	25 minutes
Tack Free	15 minutes	20 minutes	25 minutes
Wet Sand or Buffable	8-10 hours	10-12 hours	12-14 hours
Delivery	Overnight	Overnight	Overnight

BAKE TIME: 30 mins @ 140°F

CLEAN-UP & STORAGE

Clean spray equipment immediately after use with Acrylic Lacquer Thinner or Urethane Reducer. Do not leave material in spray gun.

TECHNICAL DATA

Mix Ratio : 4 parts clearcoat: 1 part activator

Viscosity (Sprayable): 17-19 seconds #2 Zahn

Suggested Fluid Tip Size*:

Siphon (1.3mm - 1.5mm)

Gravity (1.3mm - 1.5mm)

HVLP (1.3mm - 1.5mm)

Volume Solids (Sprayable): 33%

Film Build: 0.8 - 1.0 mils per full wet coat

Coverage: 465 Sq. Ft. per gallon @ 1 mil

V.O.C. (Sprayable): 4.4 lbs/gallon

***NOTE: Some spray gun manufacturers have specific recommendations for specific spray guns & product viscosity, always check spray gun manufacturer's recommendation**

POT LIFE

4-5 Hours with #551, 8-10 hours with #552 or #553

NOTE: ADVANTAGE products are not recommended for use in temperatures below 60° F. Use below these temperatures will effect dry times and performance.

FOR PROFESSIONAL USE ONLY

Read MSDS Before Use

The contents of the package must be blended with other components before the product can be used. Any mixture of components will have hazards of all components. Before opening the packages, read all warning labels. Follow all precautions. The material is designed for application only by professionally trained personnel using proper equipment under controlled conditions, and is not intended for sale to the general public.

SEE MSDS AND PRODUCT LABELS FOR ADDITIONAL SAFETY INFORMATION.

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