

ADVANTAGE REFINISH PRODUCTS
TECHNICAL DATA INFORMATION
DATED: OCTOBER 2023

PRODUCTS

545-01 High Solids (HS) Clearcoat 4.2 VOC - Gallon
545-04 High Solids (HS) Clearcoat 4.2 VOC - Quart

546-04 HS Spot Activator 4.2 VOC Fast - Quart
546-16 HS Spot Activator 4.2 VOC Fast - Half Pint
547-04 HS Panel Activator 4.2 VOC Med - Quart
547-16 HS Panel Activator 4.2 VOC Med - Half Pint
548-04 HS Multi-Panel Activator 4.2 VOC Slow – Quart
548-16 HS Multi-Panel Activator 4.2 VOC Slow - Half Pint

DESCRIPTION

ADVANTAGE #545 HIGH SOLIDS (HS) Clearcoat is a high quality, high solids acrylic urethane for spot, multi-panel or overall repairs. Formulated to be applied over basecoat systems. Excellent for custom painters.

SURFACE PREPARATION

Apply undercoats and basecoats per manufacturers instruction. Over OEM or completely cured previously painted substrates, scuff with a gray scuff pad or 600 grit sandpaper then wipe with Wax & Grease Remover. Allow basecoat adequate flash time (follow manufacturers recommendation). Follow basecoat manufacturer's recommendation for recoat intervals.

MIXING DIRECTIONS

Mix 4 parts #545 clear with 1 part #546, #547, or #548 activator by volume. Activator selection should be based on the size of part to be painted and the booth temperature at the time of painting.

APPLICATION DIRECTIONS

Number of Coats: 2 coats

Application Density: 1 medium wet coat followed by 1 full wet coat

FLASH TIME: 10 – 15 mins in-between coats (@ 72° F / 22° C)

TIME TO BUFF

Force Dry: 40 minutes @ 140° F . Allow 1 hour cool down before buffing. Allow to dry overnight before exposing to weather. Excessive film build and cool temperatures will extend dry times.

APPLICATION CONDITIONS

Minimum Temp: 50°F (Substrate Temp.)
Max Temp: 100°F (Substrate Temp.)
Ambient Humidity: Less than 80% preferred

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 basecoats with a VOC less than 6.6 lbs/gal. Properly prepared previously painted substrates.

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 @ Cap:

OVERALL

35-40 psi

45-50 psi

8-10 psi

FLASH/DRY TIMES

	546 @ or above 72°F	547 @ or above 85°F	548 @ or above 95°F
Dust Free	15-20 min	15-20 min	15-20 min
Tack Free	60 min	60 min	60 min
To Buff (Air Dry) Delivery	546 12 hrs @ 77°F Overnight	547 16 hrs @ 77°F Overnight	548 16 hrs @ 77°F Overnight

CLEAN UP & POT LIFE

Clean spray equipment immediately after use with acrylic lacquer thinner or urethane reducer.

POT LIFE: 5 Hours

TECHNICAL DATA

Mix Ratio: 4 parts clearcoat: 1 part activator

Viscosity (Sprayable): 18-20 seconds #2 Zahn

Suggested Fluid Tip Size:

Siphon (1.3mm - 1.5mm)

Gravity (1.3mm - 1.5mm)

HVLP (1.3mm - 1.5mm)

AD-545

% weight solids 35.84%

% volume solids 28.77%

Film Build: 1.5 - 2.0 mils wet

Coverage: 810 sq. ft. per gallon at 1 mil
VOC: 4.2 lbs/gallon (Ready to Spray)

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 SDS AND PRODUCT LABELS FOR ADDITIONAL SAFETY INFORMATION.

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