

545
4.2 VOC



#545 HIGH SOLIDS (HS) CLEARCOAT & ACTIVATORS (FAST/MED/SLOW) - 4.2 VOC

PRODUCT 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.

PRODUCTS:

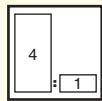
545-01 Clearcoat 4.2 VOC - Gallon	546-04 Activator 4.2 VOC Fast - Quart	548-04 Activator 4.2 VOC Slow - Quart
545-04 Clearcoat 4.2 VOC - Quart	546-16 Activator 4.2 VOC Fast - Half Pint	548-16 Activator 4.2 VOC Slow - Half Pint
	547-04 Activator 4.2 VOC Med - Quart	
	547-16 Activator 4.2 VOC Med - Half Pint	

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
FLEX ADDITIVE: Not required

FISHEYE: N/A
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:

AIR PRESSURES

CONVENTIONAL
Gravity Feed: 1.3 mm - 1.5 mm
Siphon Feed: 1.3 mm - 1.5 mm
HVLP: 1.3 mm - 1.5 mm

CONVENTIONAL @ Gun
Gravity Feed:
Siphon Feed:
HVLP @ Cap:

OVERALL
35-40 psi
45-50 psi
8-10 psi





#545 HIGH SOLIDS (HS) CLEARCOAT & ACTIVATORS (FAST/MED/SLOW) - 4.2 VOC

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)	546 12 hrs @ 77°F	547 16 hrs @ 77°F	548 16 hrs @ 77°F
Delivery	Overnight	Overnight	Overnight

CLEAN-UP & POT LIFE:

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

POT LIFE: 5 Hours

PRODUCT PHOTO & TECHNICAL DATA (READY TO SPRAY):

Mix Ratio:	4 parts clearcoat: 1 part activator
Catalyst:	546 Spot, 547 Panel, 548 Multi-Panel
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)
Volume Solids (Sprayable):	50% (Ready to Spray)
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)



SAFETY INFORMATION - FOR PROFESSIONAL/INDUSTRY USE ONLY:

DANGER! FLAMMABLE! HARMFUL IF INHALED - MAY AFFECT THE BRAIN OR NERVOUS SYSTEM, CAUSING DIZZINESS, HEADACHE OR NAUSEA. IRRITATES EYES, SKIN AND RESPIRATORY TRACT. Contents are **FLAMMABLE**. Vapors may cause flash fires. Keep away from heat, sparks, and open flame. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. SEE CONTENTS STATEMENT ELSEWHERE ON LABEL. **VAPOR HARMFUL.** Use only with adequate ventilation. This product must be used with an appropriate catalyst. Follow the respirator requirement and instructions on the catalyst. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID: IF INHALED:** If affected, remove from exposure. Restore breathing. Keep warm and quiet. If on **SKIN:** Wash affected area thoroughly with soap and water. Remove contaminated clothing. Launder before re-use. If in **EYES:** Flush eyes with large amounts of water for 15 minutes. Get medical attention. If **SWALLOWED:** Get medical attention immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. This product must be mixed with other components before use. Before opening the packages, **READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN. FOR PROFESSIONAL USE ONLY. SEE MATERIAL SAFETY DATA SHEET.** Prop 65 Statement: **WARNING:** This product contains a chemical known to the state of California to cause cancer, birth defects or other reproductive harm. Contents: acrylic polyol/polymer/resin (trade secret), n-BUTYL ACETATE 123-86-4, methyl n-amyl ketone 110-43-0, ACETONE 67-64-1, XYLENES 1330-20-7, ETHYL BENZENE 100-41-4, 2-(2-hydroxy-3,5-di-(tert)-amylphenyl)benzotriazole 25973-55-1. **Manufacturer's Exclusive Limited Warranty:** For Industrial use only by professional, trained personal using proper safety protective equipment. Not for sale to, or use by, the general public. Manufacturer warrants that its products are free from defect in material and workmanship at the time of sale. In the event that any product is proved by objective testing and analysis to have been defective at the time of sale, upon the return of the defective product, the manufacturer shall replace the product at no cost, excluding the shipping costs, as the exclusive remedy. This warranty does not cover damage caused by accident, misuse, improper application, improper combination of products or tampering. **ALL IMPLIED WARRANTIES WHETHER IT BE OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE ARE EXCLUDED. THIS WARRANTY EXCLUDES ALL INCIDENTAL AND CONSEQUENTIAL DAMAGES.**

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