



Technical Data Sheet

Product Profile

PRODUCT NAME: PPS-9453 Palmetto Clear

DESCRIPTION: Easy to use 4:1 mixing ratio clear. It provides a high quality finish with excellent gloss, leveling, and flow characteristics. An excellent value without sacrificing quality.

Instructions

Applying Basecoat

- Apply in accordance with manufacturer's instructions
- Permit the basecoat to fully dry prior to applying clear
- Remove surface contaminants with tack cloth prior to applying clear

Mixing & Applying Clearcoat

- Thoroughly mix four parts of PPS-9453 with one part of PPS-9465 series hardener
- Set gun pressures according to Gun Set-up directions
- Apply one full coat followed by one medium coat allowing 3 to 5 minute flash time between coats
- When applying an overall coat in hot weather, the second coat should be applied lightly.
- Keep spray gun 6 – 10 inches from surface, adjust speed of travel to apply wet coat with each pass, overlapping approximately 50%

Note: air may be entrapped if the distance between the gun and surface is too close or gun travel is too slow

Buffing

- Force dry - follow Bake directions before wet sanding/buffing.
- Air dry - for best results cure for at least two hours before buffing.
- PPS-9453 can be wet sanded in as little as four hours at 75° F

Note: cure time may vary with film thickness and temperature

Basic Information

GENERAL TECHNICAL DATA

Appearance	Clear Liquid
Viscosity, RTS	19 seconds #2 Zahn
Shelf Life	One Year (unopened)
RTS VOC	4.4 lbs/gal (525 g/L) Actual 4.9 lbs/gal (585 g/L) Regulatory
RTS Solids	34% by weight 30% by volume
Pot Life	4 hours @ 75° F
Product size	
Clearcoat	PPS-9453 Gallon or quart can
Hardeners	PPS-9465 Fast Quart or half pint can PPS-9475 Medium Quart or half pint can PPS-9485 Slow Quart or half pint can

VOC

PPS-9453	Clear Coating Actual VOC 541 g/L Regulatory VOC 620 g/L
PPS-9465, PPS-9475, PPS-9485	Automotive Coating Component Actual VOC 465 g/L Regulatory VOC 465 g/L

BASECOATS/SUBSTRATES

PPS-9453 Clearcoat is compatible with most high quality basecoats.
Refer to basecoat manufacturing technical data sheets.
(If not sure of compatibility, test first in an inconspicuous area)
Recommended substrate temperature: 70° – 80° F (21° – 27° C)

GUN SET-UP	TIP	Air Pressure	
HVLP	1.2 – 1.3	8 – 10 psi	(at aircap)
Conventional	1.3 – 1.4 mm	40 – 50 psi	(at gun)

FLASH & DRY TIMES

Flash Time between coats at 75°F	3 to 5 minutes
Dust Free Time at 75°F	30 minutes

BAKE

Allow five minute flash time before force drying
Bake for 30 minutes at 140° F
Cool for 2 hours after force drying before wet sanding

RECOATING

Recoat after 12 hours air dry at 75° F
or
Recoat after 2 hours cool down after force drying

GUN CLEAN-UP

Clean equipment with a high quality lacquer thinner immediately after spraying

ADDITIVES

FISH EYE – The use of fish eye eliminator discouraged because it can impact the flow and leveling of the clearcoat
ACCELERATOR – The use of additional catalysts is not recommended as it can cause solvent popping and/or loss of gloss