

TECH DATA SHEET

OSP-6100 PREMIUM GLAMOUR CLEARCOAT

PRODUCT PROFILE

PRODUCT NAME: OSP-6100 Premium Glamour Clearcoat

DESCRIPTION: 49% solids 4:1 mixing ratio premium glamour clearcoat. It provides a high quality finish with excellent gloss, leveling, and flow characteristics.

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 OSP-6100 with one part of OSP-611 series hardener
- Set gun pressures according to Gun Set-up directions
- Apply one medium coat followed by one full wet coat allowing 3 - 5 minute flash time between coats
- For best results, an additional full wet coat may be applied following a 5 minute flash time
- 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.
- OSP-6100 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	4.0 lbs/gal (482 g/L) Actual 4.0 lbs/gal (482 g/L) Regulatory	
RTS Solids	49% by weight 44% by volume	
Pot Life	3 hours @ 75° F	
Product size		
Clearcoat	OSP-6100	Gallon can
Hardeners	OSP-611 Fast	Quart can

OSP-612 Medium Quart can
OSP-613 Slow Quart can

BASECOATS/SUBSTRATES

OSP-6100 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 5 minutes
Dust Free Time at 75°F 45 minutes

BAKE

Allow ten 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 is 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

TO PROTECT AGAINST HARMFUL VAPOR & SPRAY WEAR A POSITIVE - PRESSURE SUPPLIED AIR RESPIRATOR (NIOSH APPROVED), EYE PROTECTION, GLOVES AND PROTECTIVE CLOTHING WHILE MIXING AND SPRAYING. FOLLOW MSDS FOR APPROPRIATE SAFETY AND HEALTH INSTRUCTIONS

DISCLAIMER: The information contained on this Technical Data Sheet is intended to assist you in product application. It is based on knowledge of general industry use, experience & research. Since conditions of storage, handling, and product use are not under our control... Buyers must assume responsibility for suitability of the product for their specific purposes.

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