

PRODUCT PROFILE

PRODUCT NAME: 7050V 2.1 VOC Universal Clear

DESCRIPTION: A 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 7050V with one part of 601 series hardener
- Set gun pressures according to Gun Set-up directions
- Apply one medium coat followed by one full wet coat allowing 3 to 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 overnight before wet sanding/buffing.
- 7050V 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	18 - 19 seconds #2 Zahn
Shelf Life	One Year (unopened)
RTS VOC	2.1 lbs/gal (250 g/L)
RTS Solids by Weight	31%
Pot Life	3 hours @ 75° F

Product size

Clearcoat	7050V	Gallon can
Hardeners	Fast	701V Quart can
	Medium	702V Quart can
	Slow	703V Quart can

BASECOATS/SUBSTRATES

7050V 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 ten minute flash time before force drying

Bake for 30 minutes at 140° F

Cool for one hour 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 clear coat

ACCELERATOR – The use of additional catalysts is not recommended as it can cause solvent popping and/or loss of gloss

TECHNICAL INFO

For additional technical information call 314-605-1697 or 800-TCI-4999

SAFETY DATA

Refer to SDSs for 7050V, 701V, 702V, 703V

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.

FOR PROFESSIONAL USE ONLY



TCI PRODUCTS • ST. LOUIS, MO • 314.231.3075 • www.tciproducts.com