



TCL Products

Manufacturer of Quality P.B.E. Products

PRODUCT

DATA

SHEET

DESCRIPTION

7800V RAPID CLEARCOAT 2.1VOC

7800V is a 2:1 mixing ratio rapid clear. 7800V is a 2.1 VOC clear coat that provides a high quality European-style finish with excellent gloss, leveling & flow characteristics. 7800V has a very fast dry time, making it ideal for spot and panel repairs.

INSTRUCTIONS

Applying Basecoat

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

Mixing & Applying Clearcoat

- Thoroughly mix two parts of 7800V with one part 781V activator
- Set gun pressures according to Gun Set-up directions
- Apply two full wet coats. It is not necessary to allow a flash time between coats.
- Keep spray gun 8 – 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

- Air dry – 7800V can be buffed in as little as 45 minutes.
- 7800V can be wet sanded in as little as two hours

Note: cure time may vary with film thickness and temperature

GENERAL TECHNICAL DATA

Appearance	Clear Liquid	
Viscosity	23 - 24 seconds #2 Zahn	
Shelf Life	One Year (unopened)	
RTS VOC	2.1 lbs/gal (250 g/L)	
RTS Weight Solids	38%	
Pot Life	1 hour @ 75° F	
Product size	Clearcoat	
	7800V	5 Liter can
Activators	Fast	781V 2.5L can
	Medium	782V 2.5L can
	Slow	783V 2.5L can

BASECOATS/SUBSTRATES

- 7800V is compatible with more high quality basecoats.
- Refer to basecoat manufacturer technical data sheet.
- If unsure of compatibility, test first in an inconspicuous area.
- Recommended substrate temperature: 70° - 80° F (21° - 27° C)

GUN SET-UP:

	TIP	Air Pressure	
HVLP	1.3 – 1.4 mm	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	Not necessary
Dust Free Time at 75° F	15 minutes

BAKE

Do Not Bake 7800V as it may cause solvent pop.

RECOATING

Recoat after four hours air dry at 75° F

GUN CLEAN-UP

Clean equipment immediately spraying - using a high quality lacquer thinner

ADDITIVES

FISH EYE – The use of fish eye eliminator discouraged because it can impact the flow and leveling of the Clearcoat

TECHNICAL INFO:

For additional technical information for 7800V call (800-824-4999)

SAFETY DATA:

Refer to SDSs for 7800V and 781V series activators

FOR INDUSTRIAL USE ONLY

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.