



## Technical Data Sheet

## 12-24-KEY790 LOW V.O.C. HIGH SOLID CLEARCOAT

## PRODUCT DESCRIPTION:

KEY790 Low V.O.C. High Solid Clearcoat is a premium quality overall urethane clearcoat. Utilizing European resin technology this clear produces extra brilliant gloss and depth. KEY790 is a medium to high solid product that meets all but California V.O.C. standards when mixed properly. KEY790 also works extremely well in hot humid environments as well as down draft baking applications. Uses the same activators as KEY700, 710 and 730 in order to keep inventory low.

## FEATURES:

1. Premium overall character
2. Excellent flow, leveling
3. Highest gloss and D.O.I.
4. Apply over most basecoat systems
5. Thoroughly tested for long term durability
6. Easy buffing within 12-72 hours
7. Excellent gloss retention

## RECOMMENDED SUBSTRATES:

1. Various basecoat color systems
2. Polyurethane enamel (after 8 hour dry)
3. Acrylic urethane enamel (after 8 hour dry)
4. Gel coat (must be properly prepared)

## MIXING INSTRUCTIONS:

4.4 V.O.C.

Clear:	2 parts
Activator:	1 part
Reducer:	1/2 part
Activators:	Reducers:
KEY760 = Fast 55 to 65 F	KEY80: Fast
KEY775 = Medium 65 to 80 F	KEY81: Medium
KEY785 = Slow 80 F - 90 F	KEY82: Slow
KEY795 = Ex-Slow 90 F - up	KEY83: Ex-Slow

## APPLICATION INSTRUCTIONS:

1. Apply basecoat color per recommended procedures.

....Note: Allow polyurethane and acrylic enamel basecoat to dry at least 8 hours before applying clear.

2. Mix KEY790 Clear with appropriate activator and reducer as per instructions.

3. Apply 2 wet coats of clear using 50-60 PSI at gun.

4. Allow 10 minutes flash between coats.

Optional: On small jobs (i.e. fenders & doors) one tack coat can be applied followed by one full wet coat with no flash time between coats. Tack coat must be applied evenly.

5. Dry Times:	Dust Free:	10-15 minutes depending on temperature and activator selection
	Tack Free:	30-40 minutes depending on activator speed
6. Pot Life	Buff Time:	Minimum 12 hours air time Maximum 7 days
	Force Dry:	10 minutes flash bake 30 minutes at 140 F Delivery 6-8 hours Six hours

Note: By using one ounce per sprayable quart of KEY950 Accelerator, buff time and delivery time can be substantially reduced. Accelerator should not be used when air temperature is above 80 F.

## BUFFABILITY:

KEY790 Clear can be wet sanded and buffed between 12 hours and up to 7 days after applying. KEY790 should be buffed within 72 hours. Finish will become difficult to buff after 7 days.

**CLEANING:**

Use good quality lacquer thinner (KEY5/10/15/20/25) or urethane reducer (KEY80/81/82/83) to thoroughly clean all equipment. Do not leave activated clear in gun longer than 3 hours. Clean equipment immediately when using KEY950 Accelerator.

**TECHNICAL DATA:**

Color:	Clear
Pot Life:	5 hours at 75 F
Coverage:	1 mil 600 sq. ft.
Mix Ratio:	2:1:up to 1 part (4.4 V.O.C.)
Sprayable Viscosity:	18 sec. #2 Zahn
Flash Point:	76 F TCC
Recommended Film Build:	2.0 - 2.5 Mils DFT
Gloss:	92 Plus
Weight Solids:	44%
V.O.C. Sprayable 2:1:1/2:	4.4 lb. Per gallon (528 g/l)