

Technical Data Sheet

EHSC1 EUROPEAN HIGH SOLID CLEAR

PRODUCT DESCRIPTION:

EHSC1 European High Solid Clear is a premium quality overall urethane clearcoat. Utilizing European resin technology this clear produces extra brilliant gloss and depth. EHSC1 is a medium to high solid product that meets all but California V.O.C. standards when mixed properly. EHSC1 also works extremely well in hot humid environments as well as down draft baking applications. Uses the same activators as SPC1, OAC1 and TMC1 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. All acrylic and polyester 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:
FA4 = Fast 55 to 65 F	URF1: Urethane Reducer Fast
MA4 = Medium 65 to 75 F	URM1: Urethane Reducer Medium
SA4 = Slow 75 F - 90 F	URS1: Urethane Reducer Slow
ESA4 = Ex-Slow 90 F - up	URXS1: Urethane Reducer 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 EHSC1 with appropriate activator and reducer as per instructions.

3. Apply 2 wet coats of clear using 50-60 PSI at gun for a conventional spray gun. Use mfr. Recommended pressure and 1.3 – 1.5 mm fluid tip and cap with HVLP.

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
 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
6. Pot Life Three hours

Note: By using one ounce per sprayable quart of UA8 Accelerator, buff time and delivery time can be substantially reduced. Accelerator should not be used when air temperature is above 80 F.

BUFFABILITY:

EHSC1 Clear can be wet sanded and buffed between 12 hours and up to 7 days after applying. EHSC1 should be buffed within 72 hours. Finish will become difficult to buff after 7 days.

CLEANING:

Use good quality lacquer thinner or urethane reducer (URF1/URM1/URS1/URXS1) to thoroughly clean all equipment. Do not leave activated clear in gun longer than 3 hours. Clean equipment immediately when using UA8 **Accelerator**.

TECHNICAL DATA:

Color:	Clear
Pot Life:	5 hours at 75 F
Coverage:	1 mil 600 sq. ft.
Mix Ratio:	2:1:1/2 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)