

USC[®] 7640 MS Speed Clear Coat 2:1



GENERAL INFORMATION

USC 7640 MS Speed Clear Coat 2:1 is a two-component rapid drying polyurethane clear coat, based on a fast-dry-resin technology. Designed for spot and panel repairs in the car refinishing market, it provides a high gloss finish with excellent scratch, weathering and chemical resistance.



1. COMPONENTS

- 7640 MS Speed Clear Coat 2:1
- 7643 MS Speed Activator
- 4220 Fast Thinner
- 4230 Medium Thinner
- 4240 Slow Thinner



2. MIX RATIO

- 2 Parts USC 7640 MS Speed Clear Coat 2:1
- 1 Part USC 7643 MS Speed Activator
- + 0 - 5% USC 4220 Fast, 4230 Medium or 4240 Slow Thinner

*Combine components by volume. Mix thoroughly and strain before using.



3. POT LIFE

- 1 hour 15 minutes (@ 68°F / 20°C)



4. SUBSTRATES

- Basecoat color and sanded OEM finishes in good condition.



5. SURFACE PREPARATION

- Make repairs as needed. Mask vehicle to protect from overspray.
- Apply basecoat color to repair area and allow to dry according to paint manufacturer's recommendations.



6. APPLICATION

- 2 coats 40-60µm



7. FLASH TIMES (@ 68°F / 20°C)

Flash between coats	5 - 10 minutes
Flash before bake	10 minutes

8. DRY TIMES

After last coat at 68°F / 20°C	8 hours
Bake at 140°F / 60°C	30 mins

*NOTE: Excessive film build and cool temperatures will extend dry times. Following cool down after the bake cycle, allow 1 hour prior to handling the painted surface.



9. SPRAY GUN SET UP

	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
Conventional / HE	1.2 - 1.4	1.8 - 2.0 / 26-29
HVLP	1.2 - 1.4	2.0 / 29



10. TECHNICAL INFORMATION

PHYSICAL DATA		
Chemical Base	Composition based on acrylic copolymer	
Physical Properties	Viscosity (RTS)	16 sec DIN Cup4 / 20°C
	Specific Gravity (kg/l)	0.98
	Flash Point Closed Cup	27°C / 80.6°F
	Volume % Solids	42%
	Economy	6.8m²/L/60 µm RTS
	Gloss	High Gloss
	Colour	-



11. HEALTH & SAFETY

- Use suitable respiratory protection (we recommend the use of a fresh air supply respirator).
- Refer to SDS for more information.



12. CLEAN UP

- Clean equipment after use with a cleaning solvent.
- Dispose of solvent according to local regulations.



13. STORAGE / SHELF LIFE

- Minimum 2 years; (Under normal storage conditions 10°C - 30°C / 50°F - 90°F) (unopened container).



14. NOTES

- Buffing is normally not required since clear coats have a high gloss finish. However, if dust inclusions happen during application, sand surface with 1500 grit or finer and polish as needed after the finish has fully cured (overnight).
- All reported product properties on the TDS are determined at a temperature of 20°C unless specified otherwise.