TECHNICAL DATA SHEET

50 PRODUCTION URETHANE CLEARCOAT 4.0 VOC
TECHNICAL CALLS: 1-800-321-0672

Product Numbers:
50 (Activators: **52, 53, 54**)

DESCRIPTION:
U.S. Chemical & Plastics' 50 Production Urethane Clearcoat is a versatile high performance 2-coat urethane clearcoat formulated to maximize vehicle output. Use for spot, panel and multi-panel refinishing. USC's 50 Production Urethane Clearcoat delivers excellent flow, leveling and UV resistance with high gloss and DOI.

MIX RATIO: 4:1
Combine components by volume. Mix thoroughly and strain before using.
- 4 Parts USC **50** Production Urethane Clearcoat 4.0 VOC
- 1 Part USC **52** Fast, **53** Medium or **54** Slow Activator

POT LIFE:
> 5 Hours (@ 78° F / 25.6° C)

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.

GUN SET UP:
Conventional: 1.3mm – 1.5mm
HVLP: 1.3mm – 1.4mm

AIR PRESSURE:
Conventional: 50 – 55 psi at the gun
HVLP: 8 – 10 psi at the cap

APPLICATION:
2 medium wet coats.

FLASH TIME:
8 – 10 minutes in between coats (@ 72° F / 22° C)

DRY TIME TO BUFF:
3 – 4 hours (@ 72° F / 22° C) to lightly polish when using 52 Fast Activator.
Bake: 20 minutes @ 130° F / 54.5° C)
Excessive film build, and cool temperatures, will extend dry times.

PHYSICAL PROPERTIES: (Ready To Spray)
VOC: 4.0 lbs./gallon   Theoretical Coverage: 455 sq. ft. @ 1.0 mil   Weight Solids: 35.0%
Volume Solids: 28.4%   Recommended Dried Film Thickness: 2.0 mils

HEALTH & SAFETY:
Read all warnings, first aid and safety for all components before using. Keep out of reach of children and animals. Wear a properly fitting NIOSH/MSHA approved respirator. Select positive pressure supplied respirator (TC-19C or equivalent) for isocyanates. Follow the respirator manufacturer's directions for use. Protect hands with impervious rubber gloves. Wear face, skin and eye protection. USC products are for industrial use by professional, trained painters.