



HIGH TECK TECHNICAL DATA SHEETS

7420 SERIES SERIES HIGH BUILD URETHANE PRIMER/SEALER

7420-1(4) GRAY 7422-1(4) BUFF
7423-1(4) WHITE 7424-1(4) BLACK

TECHNICAL DATA SHEET & PROCESS GUIDE

7420 series Medium High Build 2K Urethane Primer/Sealer has superior filling capabilities because of its high solids content making it excellent for filling medium to deep sand scratches. 7420 series provides excellent color holdout under all urethane finishes with no shrinkage. 7420 series is fast drying and sands easily wet or dry without loading the paper. When used with 7425-4, 16 activator, 7420 series complies with California (SCAQMD) Rule 1151 & National Rule VOC requirements. When used with 7421-4, 16 activator, 7420 series complies with 2.1 VOC requirements and may be tinted with primer tints, or base coat toner.

- Easy Tinting With Primer Tints Or Basecoat Toner
- Fast Dry, Improves Shop Productivity
- Excellent Color Hold-out, Improves Color Match
- Direct to Metal / Direct to E-coat application



FEATURES:

- Fast dry, improves shop productivity
- Excellent color hold-out, improves color match
- Outstanding fill and build
- Easy sanding
- No shrinkage
- Excellent adhesion
- Easy tinting with primer tints or base coat toner
- Can be used in most DTM applications

RECOMMENDED SUBSTRATES:

- All previously painted surfaces
- Body filler
- Properly prepared bare metal
- Most properly prepared automotive plastics

MIXING INSTRUCTIONS:

For SCADMD & National Rule VOC applications:

- 4 parts 7420 series Primer to 1 part 7421 Activator

For Low VOC 2.1 applications:

- 4 parts 7420 series Primer to 1 part 7425 Activator

Tint with basecoat toner should not exceed 10% of primer base before activator or reducer is added. Basecoat tints should be unreduced. 7420 series primers can be mixed together to the desired color and produce any shade of gray needed.

High build	4 to 1
Medium build	4 to 1 to 1
Wet on wet sealer	4 to 1 to 2

Slow reducer is recommended when spraying as a wet-on-wet sealer

1. **Surface Prep:** Wash with soap and water to remove contaminants that solvent based cleaners cannot remove effectively. Wipe area with Quality Wax and Grease Remover working no more than 2 sq. ft area. Sand with 180-220 grit abrasive and
2. Re-clean with Pre-Paint Cleaner. Treat bare metal areas with a quality metal conditioning system and prime with an Epoxy Primer for premium finish.
3. **Mix thoroughly** - do not shake. Apply 2-3 wet coats using 40-50 psi at the gun or 20-30 psi with HVLP. Allow 10-15 minutes flash between coats. Allow to dry 1 hour @ 70°F before sanding. Final block with 400-800 grit wet or dry and re-clean with Pre-Paint Cleaner.

Film thickness, flash times and temperatures will effect dry times.

POT LIFE:

7420 series For Use As a Sealer: 7420 series may be use as a sealer slow urethane reducer by mixing 4 to 1 to 2

7420 series may be used to prime most properly prepared automotive plastics. Should not be used on polyethylene, or polypropylene plastics. Note: When refinishing automotive plastic parts off the vehicle, use of flex additive is recommended, and parts should be installed within 48 hours. If plastic parts are on vehicle no flex additive is required.

CLEANING:

Use good quality lacquer thinner to thoroughly clean all equipment. Do not leave catalyzed primer in gun longer than 2 hours. Clean equipment immediately when using an accelerator.

TECHNICAL DATA:

Color:	Buff, Gray, Black, White
Flash Point :	< 0°F TCC
Pot Life:	2 hours @ 75°F
Recommended Film Build:	2.5 - 4 mil DFT
Coverage 1 mil.:	1000 sq. ft.
Mix Ratio:	4:1
Weight Solids:	65.0%
RTS Viscosity:	15-20 sec Ford #4
V.O.C:	2.0 lbs./gal.
V.O.C. Ready to spray:	with HIT7425= 2.6 lbs/gal. with HIT7421 = 2.1 lbs/gal.

Colors:	Sizes:	SKU:
Gray	Gallon	7420-1
Gray	Quart	7420-4
Buff	Gallon	7422-1
Buff	Quart	7422-4
White	Gallon	7423-1
White	Quart	7423-4
Black	Gallon	7424-1
Black	Quart	7424-4
Activator	Quart	7421-4
Activator	Half Pint	7421-16