

Hyper Clear (National Rule) PSC-4500

Technical Support: 1-800-776-0933

Product Description PSC-4500™ Hyper Clear is an ultra-fast drying, high-gloss clear ideal for use on 1-3 panel vehicle refinishing. PSC-4500 Hyper Clear provides excellent gloss, DOI, and UV protection over Prospray basecoats, has outstanding dry times, is out of dust in 10-15 minutes, and can be lightly polished in 35-50 minutes. PSC-4500 is ideal for high production facilities.

Components



Clear
Activators
Thinner

PSC-4500™
ICA-801™, ICA-802™ & ICA-803™
 OPTIONAL: up to 5% **ICR-1692™, ICR-1693™, ICR-1694™, ICR-1695™,**

Substrates

- Prospray Solvent Basecoat
- Prospray H2O Basecoat
- Sanded OE Clearcoat

Surface Preparation



1. Mask entire vehicle to eliminate unwanted overspray.
2. Clean surface using Prospray ICR-0014™ or ICR-0020™, waterborne surface cleaners and wipe dry with a clean cloth.
3. Blend areas should be sanded with P1000 grit or finer sand paper.
4. Re-clean surface with appropriate cleaner and apply basecoat as directed.
5. Apply PSC-4500 Hyper Clearcoat after sufficient drying of basecoat.

Mix Ratio

Clear
Activator



5 Parts
2 Parts

Pot Life @ 72°F / 22.2°C



1 hour

Viscosity @ 72°F / 22.2°C

13–14 secs DIN4

Refer to "Activator & Thinner Selection Guide – NATIONAL RULE" chart

Gun Set Up



High Efficiency **HVLP**
 1.2mm–1.4mm 1.2mm–1.4mm

Air Pressure



High Efficiency **HVLP**
 15–29 psi 6–10 psi max
 @ the gun @ the cap

NOTE: Refer to individual gun manufacturer for proper spray gun setting.

Application



Apply 2 back-to-back coats with no flash time between coats.

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Flash/Dry Times @ 72°F / 22.2°C



Air Dry

Flash between coats: no flash between coats

Dust free: 10–15 minutes

Time to assemble: 30 minutes–1 hour

Force Dry

Not recommended

Infrared Dry

Not recommended

Blending

Use of ICR-1401™ Fade Out Thinner or AB-1005 - 12™ 1K Spot Blender aerosol may be used to fade out the edge of the clearcoat. Please refer to TDS for application procedure.

Polishing



Optimum Times Sanding Compounding

Air Dry

45 minutes to 1 hour (Lightly polish)

Use 2000 grit wet or finer or use 2000 DA or finer.

Use finishing compound. Apply a thin ribbon of material to the area to be polished. Use a double-sided wool polishing pad or a foam pad. Maintain air polisher or variable speed buffer at 1500–2000 rpm. Remove excess finishing compound with a clean, soft cloth prior to applying finishing polish.

Force Dry

Not Recommended

Special Notes / Clean Up



Clean Up Clean equipment after use with a cleaning solvent. Dispose of solvent according to state, local and federal regulations.

Physical Data

VOC (RTS) per U.S. Gal 3.46 lbs/gal
Total Solids by Weight (RTS) 35.85%

Health and Safety



For professional use only. KEEP OUT OF REACH OF CHILDREN. WARNING! CONTENTS ARE FLAMMABLE. VAPOR AND SPRAY MIST IS HARMFUL. SKIN AND EYE IRRITANT.

Do not handle the Prospray products until the Material Safety Data Sheets have been read and understood in their entirety. Ensure that all employees are trained on Material Safety Data Sheets and all chemicals with which they come into contact. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist. Wear protective clothing, gloves and eye safety with a side shield.

This data sheet information is given in good faith but without warranty. The information contained herein represents the current state of our knowledge and is intended as a guide to our products and their uses; it is not intended for insurance of certain product properties or of their specific applications.

Follow all warnings on product labels.