



HIGH TECK TECHNICAL DATA SHEETS

8550-1/8550-4/8551-4/8551-16
50-STATE SPEED CLEAR

Description

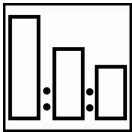
HIT.8550-1 - 50 State Speed Clear - Gallon HIT.8551-4 - 50 State Speed Clear - Activator Quart
HIT.8550-4 - 50 state Speed Clear - Quart HIT.8551-16 - 50 State Speed Clear - Activator Half Pint

50-STATE SPEED CLEAR (HIT8550-1) is a 2.1 VOC (50-state compliant) high production clear system developed for spot repair and one panel repair. This 4:1 clear is a 3 coat system that can be sanded and buffed in 20-25 minutes air dry.



Use suitable respiratory protection

Cumberland Products recommends to use fresh air supply respirator



4 50-STATE SPEED CLEAR
1 50-STATE SPEED CLEAR ACTIVATOR



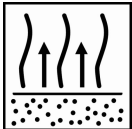
Gravity spray gun set-up:
1.3 - 1.4 mm

Application pressure:
10 PSI at the air cap

Check gun manufacturer specification

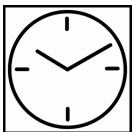


3 x 1 light coat



Between coats:

Apply back to back (no flash)



25 Minutes (air dry)

Read complete TDS for detailed product information



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Product and additives

- Product:** - 50-STATE SPEED CLEAR (HIT8550)
- Activators:** - 50-STATE SPEED CLEAR ACTIVATOR (HIT8551)
- Additives**

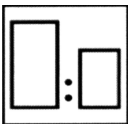
Basic raw materials

- 50-STATE SPEED Clear (HIT8550): hydroxyl acrylic resins
- 50-STATE SPEED Clear Activators (HIT8551): polyisocyanate resins

Suitable surfaces

- Acrylic or polyester basecoats
- Waterborne basecoat systems
- Activated polyurethane enamel (must be cured at least 8 hours)
- Activated acrylic urethane enamel (must be cured at least 8 hours)
- Existing finishes that have been sanded and degreased. In the case of spot repairs and blending.

Mixing ratios



- 4 - 50-STATE SPEED CLEAR (HIT8550)
- 1 - 50-STATE SPEED Activator (HIT8551)

Potlife

30-45 minutes (72°F (22.2°C) 50% RH)



Spray gun and pressure

	Fluid Tip	Spraying Pressure
HVLP gravity	1.3mm -1.4mm	8-10 psi @ air cap
Mini-Jet Gravity Fed	1.0mm-1.3mm	8-10 psi @ air cap

Application method

Apply 3 light coats.

Flash times

Flash Time between coats: None required (apply wet-on-wet)

Dry times

Below is a table showing the drying times of 50-STATE SPEED CLEAR (HIT8550). The air-dry times stated may increase with insufficient airflow.

Metal Temp.	Drying	50-STATE SPEED CLEAR (HIT8550)
70°F (20°C)	Dust Free	2 min
	Dry	25 min
	Stripe/Decal	120 min

Recoatability

50-STATE SPEED CLEAR can be re-coated with itself at any stage. Sanding will become necessary after 24 hours.

Film thickness

1.0 mil per coat.

Coverage rate

Coverage 450 sq. ft. / gal @ 1 coat @1 mil



Polishing

50-STATE SPEED CLEAR can be wet sanded and buffed after 25 minutes.

Decals and Lettering

Decals can be applied after 2 hours at 70°F (20°C)

Hand striping or lettering must be applied within 2 hours for good adhesion. After 2 hours, scuff with a gray scuffing pad.

Cleaning of equipment

Clean spray Gun immediately with Cleaning Solvent or Lacquer Thinner.

Stock keeping

Color: Clear

Shelf life: 50-STATE SPEED CLEAR (HIT8550): Two years if stored unopened at room temperature
50-STATE SPEED CLEAR Activator (HIT8551): One year if stored unopened at room temperature.

VOC / Regulatory information

Notice: Do not handle until the Safety Data Sheets have been read and understood. Regulations require that all employees be trained on Safety Data Sheets for all chemicals with which they come in contact. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist.