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# TECHNICAL DATA SHEET

## RCP21 RAPID CURE PRIMER

05122026



RCP21 is a rapid curing primer that dries in a fraction of the time that conventional primers take to dry. Its ready to sand in 30min to 1hr, depending on temperature and film build. RCP21 was designed to greatly increase job throughput while providing excellent sand scratch fill. RCP21 is a South Coast compliant primer surfacer and sealer when using appropriate SC activators and reducers.

### Applications:

- Vehicle Refinish
- OEM
- Fleet
- Light Industrial

### COMPONENTS



- |                           |   |
|---------------------------|---|
| • RCP21LG                 | Rapid Cure Primer                           |
| • GR65/GR75/GR85          | Fast/Medium/Slow - National Rule Reducers   |
| • S1522/S2232/S3236       | Fast/Medium/Slow - National Rule Reducers   |
| • S9860/S9870/S9885/S9895 | Fast Medium/Slow - National Rule Reducers   |
| • GH65/GH75/GH85          | Fast/Medium/Slow - National Rule Activators |



### MIXING RATIO AS PRIMER:

Mix four (4) parts RCP21LG with one (1) part selected activator and 25% selected reducer.

### MIXING RATIO AS SEALER:

Mix four (4) parts RCP21LG with one (1) part selected activator and two (2) parts selected reducer



### POT LIFE @ 70° F

1 1/2 hours minimum



### CLEAN UP

Use NORTHSTAR Lacquer Thinner or zero VOC solvents. (Check local regulations)



### PHYSICAL DATA

By Weight	71.5% (62.3% as mixed)
Color	White/Light Gray/Black

### SUBSTRATES

- Plastic
- Original Paint
- E-Coat
- Properly Prepared Steel

\*If sealed with GPT10 or GlobalStar P10.3.K1 can be used on aluminum and galvanized steel



### DRY / FLASH TIMES

Dust Free	10-15 minutes @ 70°F
Air Dry	30 minutes - 1 hour @ 70°F
Sand	30 minutes - 1 hour depending on temp
Topcoat	20 minutes
Force Dry	10 - 15 minutes @ 140°F/60°C Panel Temp



### GUN SETUPS

HVLP Gravity Feed	1.6 mm – 1.8 mm
Conventional	1.6 mm - 1.8mm
Film Build	2-2.5 mils when applied as directed



### SURFACE PREPARATION

Use NORTHSTAR Clean Wipe (S10) or (S20) to clean substrate free of grease, dirt, and foreign contamination.



### APPLICATION

Two medium wet coats, allow 10 minutes flash between coats. After 6 hours @70° F. Sand recommended for best adhesion. After force dry is complete, allow cool down before sand and recoat.



### SAFETY

Refer to Material Safety Data Sheet (MSDS) for complete safety instructions. The technical data sheet listed has been compiled in good faith for your convenience and guidance. No warranty, expressed or implied, is intended or given by the information on this sheet.

