

Section 1: Description

It is a modified bisphenol A resin of a flexible, low viscosity offering and excellent balance of color, UV stability, varying hardener speeds, easy mix ratios, extremely low vapor pressure, excellent chemical adhesion and high gloss finish.

Section 2: Advantages

- Very low color and good color stability
- Good chemical resistance
- High gloss
- Good resistance to amine blush
- Low viscosity
- Variable Toughness vs. Modulus

Section 3: Applications

- High-solids coatings
- Self-leveling and pebble finish flooring
- Chemically resistant tank linings
- Sports equipment

Section 4: Handling Precautions

Refer to the Safety Data Sheet

Section 5: Storage Life

At least 12 months from the date of manufacture in the original sealed container at ambient temperature. Store away from heat and excessive humidity in tightly closed containers.

Section 6: Typical Properties

Appearance Clear Liquid
Color (Gardner) 1
Viscosity @ 77 °F (cP) 399 - 600 mixed
Epoxide Equivalent Weight Resin 180
Specific Gravity @ 77 °F 1.15
Density @ 77 °F (lb/gal) 9.5
Flash Point (closed cup) (°F) NA
Recommended Hardener Use Level:
45 phr weight or 50 phr volume

Section 7: Typical Handling Properties

Use Level:

By Weight - 100 R to 45H

By Volume - 100 to 50 V

Mixed Viscosity @ 77 °F (cP) 1000 - 1500

Gel Time (150g mix @ 77 °F) (Min)

Fast 18; Slow 40; X-Slow 140

Thin Film Set Time @ 77 °F (hr)

Fast 2; Slow 4; X-Slow 14

Thin Film Set Time @ 50 °F (hr)

Fast 6; Slow 12; X-Slow 36

Peak Exotherm (100g mix @ 77 °F)

Fast 197F; Slow 190F; X-Slow 158F

Section 8: Typical Performance

Refer to web page www.resinresearch.net

Section 9: Typical Cure Schedules

2-7 days at ambient temperature