

Section 1: Description

Maker Pro System

Our epoxy systems were originally developed for sports and marine and today finds use in a wide variety of products. It is a modified bisphenol A resin of medium viscosity offering an excellent balance of color, UV stability, varying hardener speeds, easy mix ratios, extremely low vapor pressure, excellent chemical adhesion and high gloss finish. Craft line includes additives to lower viscosity, improve clarity, flow easier, and release air bubbles to provide an overall better experience for our customers.

Section 2: Advantages

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

Section 3: Applications

- Castings
- Gloss Coatings
- Tabletops
- Small Arts and Crafts

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
Epoxide Equivalent Weight Resin 180
Flash Point (closed cup) (°F) NA

Section 7: Typical Handling Properties

Use Level:

By Weight - 100 Resin to 45 Hardener
By Volume - 100 Resin to 50 Hardener

Product	Gel Time (150g mix @ 77 °F) (Min)	Thin Film Set Time @ 77 °F (hr)	Thin Film Set Time @ 50 °F (hr)	Peak Exotherm (100g mix @ 77 °F)
Maker Pro	Fast 18 Slow 40 X-Slow 140	Fast 2 Slow 4 X-Slow 14	Fast 6 Slow 12 X-Slow 36	Fast 197F Slow 190F X-Slow 158F

Viscosity:

Resin – approx. 1500 Cst
Hardener – approx. Fast 14; Slow 15; X-Slow 16

Section 8: Typical Performance

Refer to web page www.resinresearch.net

Section 9: Typical Cure Schedules

2–7 days at ambient temperature