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AeroMarine Products 5 Minute Epoxy

DESCRIPTION

AeroMarine Products 5 Minute Epoxy is a very fast, 1:1 by volume, two component, epoxy system with moderate viscosity, ambient cure and good bond strengths. It is clear in the container and cures to a clear yellow color.

USE

AeroMarine Products 5 Minute Epoxy is designed for ambient cured, adhesive applications with a 3 to 6 minute hardening time. Our 5 Minute Epoxy is suitable for bonding a variety of surfaces such as metal, wood, glass, most plastics, and concrete. Like all other epoxies, it does not bond to polyethylene, polypropylene, silicone, or Teflon. AeroMarine Products 5 Minute Epoxy has been used successfully for use as a rapid set shore 77D potting compound. In these cases, it is frequently pigmented black. *Must apply and cure it in a well-ventilated area.*

PRODUCT DATA

Cure Cycle

Ambient 77°F (25°C) 60 minutes

Gel Time (ASTM D-2471)

4 grams @ 77°F (25°C) 3 – 6 minutes

Color (Gardner) 0.0—2.0 ***clear yellow color when cured***

Specific Gravity: 1.13

Flash Point: >200F

Viscosity (ASTM D-2393)

Resin @ 77°F (25°C) 13000 cps

Hardener @ 77°F (25°C) 12000 cps

Mixed @ 77°F (25°C) 12500 cps

Mixing Ratio

By Weight 1 part resin to 1 part hardener

By Volume 1 part resin to 1 part hardener

Shelf Life

Store cool and dry 1 year

Tensile Lap Shear Strength, psi

30 minutes 1,015

1 Hour 2,017

2 Hours 2,425

4 Hours 2,825

For industrial or professional use only

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