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AeroMarine 5 Minute Epoxy

DESCRIPTION

AeroMarine 5 Minute Epoxy is a very fast, 1:1 by volume, two component, clear epoxy system with moderate viscosity, ambient cure and good bond strengths.

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 max

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

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