



QUIK-CURE™ 5 M EPOXY

This 5-minute epoxy cures to a slightly flexible consistency, providing toughness without becoming brittle. Its resilience makes it ideal for applications involving vibration or stress. While not recommended for long-term water immersion, it performs very well for interior bonding tasks, including use in the structure of wood-framed boats. The resin can also be blended with microballoons to create a fast-setting putty for filling or fairing. Compatible with polyester resins, it delivers a reliable bond across a wide range of materials. Parts can typically be handled after about 15 minutes, with full strength achieved in one hour.

PHYSICAL PROPERTIES	RESULTS
Hardness, Shore D	85 ± 5
Adhesive Tensile Lap Shear (GBS)	1,900 psi @ 0.005" bondline
Dielectric Strength	490 volts/mils
Color/Appearance	Light Amber
Impact Resistance	5.5 ft.lb./in ²
Solids by Volume	100
Specific Volume	25.1 in ³ /lb.
Tensile Elongation	1%
Tpeel	2-3 pli

*Note: Reported physical properties are based on test specimens cured 7 days @ 75°F.

HANDLING PROPERTIES	Part A	Part B
Mix Ratio by weight	100	100
Mix Ratio by volume	100	100
Mixed Viscosity (cps) @ 72°F (22°C) Brookfield	10,000	
Work Time, 28 g mass @ 72°F (22°C)	3 – 6 minutes	
Functional Cure	3/4 – 1 hour	
Service Temperature	Dry, -40°F to 200°F	

Properties above are typical and not for specifications.

RECOMMENDED USES:

Works Best On:

- Hard Wood and Glass & Metal

Works Good On:

- Balsa Wood, Soft Wood, Fiberglass, Ceramics, Hard Plastics, White Foam, and Reinforcing

DIRECTONS:

QUIK-CURE™ will cure in temperatures down to 40°F. Temperatures above 90°F shorten the working time before the epoxy begins to set up from 5 to less than 4 minutes. It bonds best to clean, textured surfaces. Smooth, non-porous surfaces should be roughened with coarse sandpaper to improve adhesion. Acetone and Isopropyl rubbing alcohol work as the best solvents for cleaning uncured epoxy from surfaces. This resin’s lack of brittleness allows it to form lasting bonds on materials as different as balsa wood and glass; however, it is not recommended for areas subject to long-term immersion in water. When this epoxy system is cured, it can be coated with polyester resin without affecting the curing of the resin. Full cure in less than 15 minutes.

STORAGE:

Store at ambient temperatures, 65-80°F (18-27°C). Unopened containers will have a shelf life of 6 months from date of shipment when properly stored at recommended temperatures. Purge opened containers with dry nitrogen before re-sealing.

PACKAGING	Resin	Part B
4.5 oz Kits	4.5 oz	4.5 oz

SAFETY PRECAUTIONS:

Use in a well-ventilated area. Avoid contact with skin using protective gloves and protective clothing. Repeated or prolonged contact on the skin may cause an allergic reaction. Eye protection is extremely important. Always use approved safety glasses or goggles when handling this product.

IF CONTACT OCCURS:

Skin: Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. It is *not* recommended to remove resin from skin with solvents. Solvents only increase contact and dry skin. Seek qualified medical attention if allergic reactions occur.

Eyes: Immediately flush with water for at least 15 minutes. Call a physician.

Ingestion: If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

NOTE:

Refer to the Safety Data Sheet before using this product. For processing tips and guides, please visit: learn.bjbmaterals.com to discover additional information.