

## **EMV-0049 Epoxy Resin**

Medium Viscosity Epoxy Resin

### **Description:**

EMV-0049 Epoxy resin was designed for wet lay-up laminating of epoxy composites and wood. It has excellent adhesion to many plastics, including P-tex, pbt; and many other substrates. Another advantage of EMV-0049 formulation is a stress relief additive that may eliminate post cure hair-line cracks.

It has been used extensively in the manufacture of water-skis and snowboards.

### **Advantages:**

- Medium Viscosity for better wetting properties.

### **Physical Properties:**

Viscosity (@77°F)	10,000- 13,000
Density (lbs./gallon)	9.6
Color	Clear
Weight per Epoxide	182-190
Flash Point (Closed Cup)	350°F

### **Recommendations:**

Mixing:	Mix resin and hardener for a minimum of one minute. Scrape container sides and corners.
Safety:	Use proper eye protection and avoid skin contact. Read MSDS before use.
Cure Temperature:	Best results are achieved when cured at temperatures of 150-180 °F  Use a QCM high temperature hardener above 180 °F.
Cure Time:	Dependent of hardener selection and curing temperature. Consult QCM technical personnel.

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Recommendations for the use of this product are based on tests believed to be reliable. However, since the use of this product is beyond our control, no guarantee or warranty of any kind express or implied is made with respect to information presented and QCM Co. assumes no responsibility for the results of the use of this product and processes described.

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