



3843 N. Oracle Rd.  
 Tucson, Arizona 85705  
 Tel: (520) 360-0118  
 Fax: (520) 577-1169

# TCB-IV-N TOP COAT

## EPOXY HARDENER, PART-B

**DESCRIPTION:** Modified amine hardener. 40 minute pot life, with fast cure times at standard process temperatures. NSF approved. Excellent bonding to difficult substrates. Fast wetting of fiberglass reinforcements. Very low color and excellent clarity. Easy to use 100:50 (by weight) mix ratio. Low toxicity, low odor system. No VOC's, 100% solids.

**SUGGESTED USES:** Hand lay-up laminating, High Tg RTM

### **PROPERTIES OF TCB-IV-N TOP COAT WITH PART- A (neat):**

Viscosity @ 77°F, cps	150 - 250
Color (Gardener)	<2
Weight Per Gallon	8.3 - 8.5 lbs
Mix Ratio, Parts Per 100 Resin	50 by weight (100:56 by volume)
Gel Time @ 77°F (150 Grams)	35 - 40 minutes
Thin Film Set Time @ 90°F	< 3 hours
Cure Time @ 90°F	12 hours

### **TYPICAL CURED PROPERTIES WITH PART-A**

(Cure schedule: Gel @ ambient + 12 hours @ 90°F + 7 days @ ambient)

HDT (°F) ASTM D648-264	170
Shore D Hardness	85
Flexural Strength, psi	15,530
Tensile Strength, psi	9,750
Elongation %	5.0

The information contained herein is offered without charge for use by technically qualified personnel at their discretion and risk. All statements, technical information and recommendations contained herein are based on test and data which we believe to be reliable, but the accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto. Always read, understand, and comply with the hazard warnings described in the products' Material Safety Data Sheet(s) before use.

**HOW SUPPLIED (net weights):** 40lb Pails, and 450lb Drums FOB Tucson, Arizona.

The information contained herein is offered without charge for use by technically qualified personnel at their discretion and risk. All statements, technical information and recommendations contained herein are based on test and data which we believe to be reliable, but the accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto. Always read, understand, and comply with the hazard warnings described in the products' Material Safety Data Sheet(s) before use.