



PRODUCT DATA SHEET

LC-E114

2-Part Epoxy Laminating Resin

Description

LC-E114 is a two part epoxy laminating resin designed for wet layup applications which cures at room Temperature.

Advantages

The mixing and handling of LC-E114 are easily adaptive to all shop floor personnel. Complete wet out of various fabrics will be obtained with the reduced viscosity of the combined mixture.

Physical Properties & Mix Ratio

Density: 1.16 g/cm³ per ASTM D792

Color Part A: Amber

Color Part B: Amber

Combined mixture: Dark Amber liquid

Mix Ratio by weight: 5:1

Available Packaging

1 gallon kit (9.6 lbs.) (LC-E114/1)

5 gallon kit (48 lbs.) (LC-E114/5)

Other packaging available upon request

Pot/Shelf Life

Pot Life at Room Temperature: 70° F (21° C): 25 Minutes (300 grams mass)

Shelf Life at Room Temperature: 6 months

CAUTION: WHEN MIXING QUANTITIES IN EXCESS OF 300 GRAMS, USE CAUTION AS LARGER MIX QUANTITIES AND/OR EXCESSIVE MIX TIME CAN CAUSE AN INCREASED EXOTHERMIC (IE. VERY HOT) REACTION. THE USER IS ENCOURAGED TO DEVELOP STANDARD MIX PRACTICES.

Cure Cycle Recommendations

Handling Strength: 24 hours at Room temperature (70° F) (21° C)

Accelerated Handling Strength: 120 minutes at 150° F (65° C)

Full Strength/Cure: 7 Days at Room temperature (70° F) (21° C)

Lincoln Composite Materials.com

(714) 898-8350

Sales@LCMaterials.com

15422 Electronic Lane

Huntington Beach, CA 92649

Seller cannot anticipate all conditions under which seller's products, or the products of other manufacturers in combination with seller's products, may be used. Seller accepts no responsibility for results obtained by the application of seller's products or the safety and suitability of seller's products, either alone or in combination with other products. Users are advised to conduct their own tests to determine the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, seller delivers the products without warranty of any nature, stated or implied, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of said products, whether used alone or in combination with other products. Purchaser waives any claim against seller for direct, indirect, consequential or exemplary damages against seller, including without limitation, damage which may incur as a result of purchaser's use or misuse of the product or the product's failure to conform to any particular specification.

Rev 170911