

Product Data Sheet

K-PURE[®] CDR-3315 Resin Modifier

SAMPLE REQUEST



Science Road
Norwalk, CT 06852
(800) 431-7900
Fax: (203) 866-1268
E-Mail:
dmiller@kingindustries.com

CDR-3315 is a low viscosity, 100% solids, fully saturated, aliphatic polyester diol with primary hydroxyl groups. This product was designed to lower modulus, enhance flexibility and improve adhesion in cationic cured epoxies, aminoplast resins, siloxanes and isocyanate systems. At low levels, CDR-3315 can also improve the toughness of very brittle systems.

APPLICATIONS: Conformal Coatings
Conductive and Dielectric Adhesives
Potting and encapsulating compounds
Resists
Anti-reflective coating

ADVANTAGES: 100% Active - Low VOC
Improved Flexibility
Adhesion promotion
High Resistivity

TYPICAL PROPERTIES:	Appearance	Clear, Light Straw Liquid
	% Active	100
	Viscosity, cPs, 25° C	4,000 – 5,000
	Hydroxyl number	140
	Hydroxyl equiv. weight	400
	Weight per gallon, 25°C	9.25 lb.
	Gardner color	1
	Refractive Index	1.4803

SOLUBILITY: Soluble in alcohols, esters, ketones, xylene, Aromatic 100 and Aromatic 150.
Insoluble in water.

TYPICAL USAGE LEVELS: Typically 10-25% on total resin solids (TRS).

SHELF LIFE: 12 months from the date of manufacture when stored at room temperature in the original container.

HANDLING & STORAGE: CDR-3315 should be stored in a cool dry location at temperatures of 15 - 35°C. For additional information, refer to the Safety Data Sheet.

REGULATORY: Please refer to the Safety Data Sheet.

File:CDR-3315

Issue Date:11/27/17

Supersedes: 10/14/09

The conditions of your use and application of our products, technical assistance and information (whether verbal, written or by way of product evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. Such testing has not necessarily been done by King Industries, Inc. ("King"). The facts, recommendations and suggestions herein stated are believed to be reliable; however, no guaranty or warranty of their accuracy is made. EXCEPT AS STATED, THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE. KING SHALL NOT BE HELD LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES. Any statement inconsistent herewith is not authorized and shall not bind King. Nothing herein shall be construed as a recommendation to use any product(s) in conflict with patents covering any material or its use. No license is implied or granted under the claims of any patent. Sales or use of all products are pursuant to Standard Terms and Conditions stated in King sales documents.