Product Data Sheet

K-PURE[®] CXC-1765 Catalyst



K-PURE[®] CXC-1765 is a zinc complex catalyst for cross linking of epoxy/carboxylic and epoxy/anhydride functional resins. K-PURE[®] CXC-1765 catalyzes the reaction of glycidyl ether, ester, cycloaliphatic epoxies and epoxidized oils with carboxyl and anhydride groups. K-PURE[®] CXC-1765 provides improved storage stability and low color relative to amine catalyzed formulations.

ADVANTAGES:	Non-amine catalyst for epoxy/carboxyl or epoxy/anhydride cross linking Low color development during cure Good thermal stability Improved storage stability of catalyzed formulations	
TYPICAL PROPERTIES:	Appearance Non volatile, 60 min. 110°/C, % Solvent Metal content, % Specific gravity, 25°C, g/ml Viscosity, cPs at 25°C	Clear, straw liquid 60 Carboxyl Functional Reactive Diluent 7.5 1.054 350
SOLUBILITY:	Acetone, methyl ethyl ketone Methyl isobutyl ketone Alcohols, IPA, butanol Esters Glycol ether (2-butoxyehtanol) Water	Insoluble Soluble Soluble Soluble Insoluble
APPLICATIONS:	Catalyst for Solventless Epoxy/Carboxylic and Epoxy/Anhydride reactions where low color is needed. Onset of cure in a standard BADGE/MHHPA system is 135-140°C.	
TYPICAL USAGE LEVELS:	0.5 – 5.0% as supplied on total resin solids.	
SHELF LIFE:	12 months from the date of manufacture, when stored at ambient conditions in the original container.	
HANDLING & STORAGE:	Safe handling of K-PURE [®] CXC-1765 should include the use of safety glasses and gloves. Avoid breathing vapors - use with adequate ventilation. Product should be stored in lined or glass containers away from sunlight and excessive heat. Refer to MSDS for detailed information. Avoid freezing and storage about 50°C.	
REGULATORY:	Please refer to Section 15 of the Material Safety Data Sheet for information.	

File: CXC-1765 TDS

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Supersedes:

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