

# Product Data Sheet

## K-PURE<sup>®</sup> CXC-2713 Thermal Acid Generator



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**SAMPLE REQUEST**

K-PURE<sup>®</sup> CXC-2713 is an amine blocked thermal acid generator designed for use in coatings and adhesives. Its activation range is between 120°C and 140°C depending upon time, formulation components and film thickness. K-PURE<sup>®</sup> CXC-2713 is ideally suited as a catalyst for amino cross-linkable (melamine, self-condensed melamine, glycoluril, urea) or silanol and alkoxy silane cross-linkable resins.

**ADVANTAGES:** Sharp Activation Profile  
Water soluble

<b>TYPICAL PROPERTIES:</b>	Appearance	Clear straw solution
	Solvent	Isopropanol/Methanol
	Active Acid content, %	25.0 +/- 10%
	Activation Range, °C	120-140

**SOLUBILITY:** Soluble in water, butanol and ethyl lactate. Limited solubility in PGMEA.

**APPLICATIONS:** Anti-reflective Coatings where ions are not a concern  
Resist under layers (bilayer, trilayer resists)  
Siloxane etch stop hard-masks

**TYPICAL USAGE LEVELS:** 0.1 - 3.0 % as supplied on total resin solids.

**INCORPORATION:** May be added directly to the formulation.

**SHELF LIFE:** Minimum 12 months from the date of manufacture, when stored at dry, ambient conditions in the original container.

**HANDLING & STORAGE:** Handle with extreme care and consult the MSDS for safe handling.

**REGULATORY:** Please refer to the Material Safety Data Sheet.

File: K-PURE<sup>®</sup> CXC-2713

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Supersedes:

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