

Product Data Sheet

K-PURE® CXC-1613 Super Acid Catalyst



Science Road
Norwalk, CT 06852
United States
+1-203-866-5551
www.kingindustries.com

K-PURE CXC-1613 is a Lewis acid catalyst that is stable in the presence of water. This compound is a salt of a strong acid and can catalyze the reaction of epoxy resins, ring opening of cyclic ether groups and polymerization of monomers sensitive to cationic polymerization. This catalyst will catalyze most acid curing resins.

TYPICAL PROPERTIES:

| | |
|-----------------------------|--------------|
| Appearance | Clear Liquid |
| % Active | 25 |
| Solvent | n-butanol |
| Specific Gravity, 25°C g/ml | 1.01 |
| pH (1:1 in water) | 4.0 – 6.0 |

SOLUBILITY:

Soluble in Water, alcohols, glycol ethers, glycols, esters, ketones and carbonates. Not soluble in aromatic and aliphatic hydrocarbons.

TYPICAL USAGE LEVELS:

0.1% to 4.0% as supplied on total resin solids.

INCORPORATION:

May be added to the system with agitation as supplied or pre-diluted with alcohol.

SHELF LIFE:

24 months from the date of manufacture, when stored at ambient conditions in the original container.

HANDLING & STORAGE:

This catalyst is hygroscopic and will absorb water readily. Keep container closed and store in a dry place. Consult the MSDS for safe handling.

REGULATORY:

Please refer to Section 15 of the Safety Data Sheet for information.

File: K-PURE CXC-1613

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