

K-KAT[®] XC-B221



Science Road
Norwalk, CT 06852 USA
Phone: +1 (203) 866-5551
Toll Free: (800) 431-7900
E-Mail: coatings@kingindustries.com

K-KAT XC-B221 is a bismuth carboxylate catalyst designed for blocked isocyanate and two component urethane coatings. It is a bismuth catalyst that can provide similar properties to standard tin catalysts without the environmental drawbacks.

ADVANTAGES: Can be used in ambient, force dry and bake systems
Excellent gloss retention
Excellent exterior durability
Not made with 2-Ethylhexanoic acid

TYPICAL PROPERTIES:	Appearance	Clear, straw liquid
	% Metal	20
	Specific gravity, 25°C, g/ml	1.18

SOLUBILITY:	Water	Not Soluble
	Methanol, ethanol, isopropanol, butanol	Soluble, hot
	Aromatic hydrocarbon	Soluble
	Glycol ethers, glycol ether acetates	Soluble
	Aliphatic Hydrocarbons	Soluble

APPLICATIONS: K-KAT XC-B221 is recommended for 2K and blocked isocyanate coatings. K-KAT XC-B221 can replace many heavy metal and/or toxic catalysts used in the production of urethane elastomers, foams and coatings. K-KAT XC-B221 is especially effective in cationic electro-coatings based on blocked isocyanates.

TYPICAL USAGE LEVELS: One component formulations based on blocked isocyanates generally require higher catalyst levels than 2-component (2K) systems. Levels of 0.5 -2.0% K-KAT XC-B221 as supplied by weight on resin solids should be used with blocked isocyanates while 0.03 - 0.1% is recommended for 2K coatings. Refer to chart on the back of this page for more information on suggested usage levels.

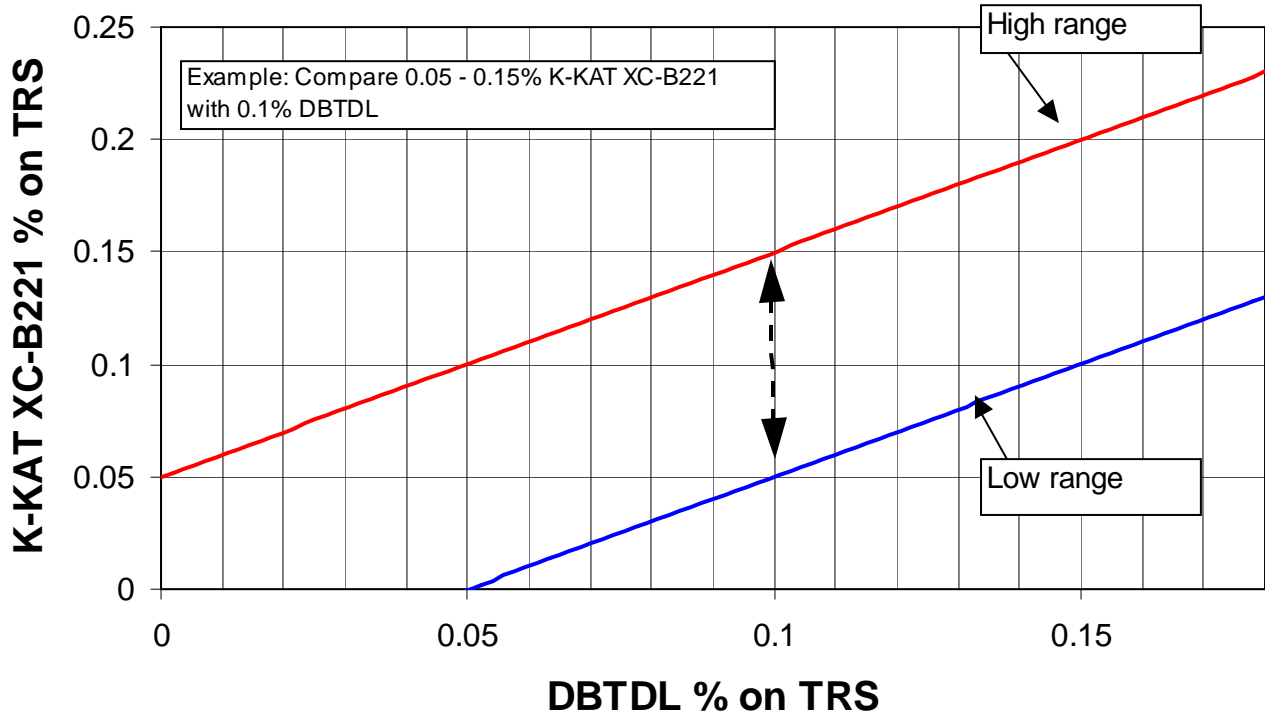
INCORPORATION: K-KAT XC-B221 can be added directly to a single component blocked isocyanate system or the polyol component of a 2K system. Do not pre-dilute with solvent.

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

HANDLING & STORAGE: Safe handling of this product should include the use of a respirator, safety glasses and gloves. Avoid breathing vapors - use with adequate ventilation. K-KAT XC-B221 is sensitive to moisture; therefore, exposure to atmosphere during storage should be avoided. Product should be stored in a cool, dry environment away from sunlight and excessive heat. Consult the Safety Data Sheet prior to use.

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

K-KAT XC-B221 Catalyst Concentration on TRS* DBTDL Replacement Level



* catalyst level as supplied based on total resin solids