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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 % Metal Specific gravity, 25°C, g/ml	Clear, straw liquid 20 1.18
SOLUBILITY:	Water Methanol, ethanol, isopropanol, butanol Aromatic hydrocarbon Glycol ethers, glycol ether acetates Aliphatic Hydrocarbons	Not Soluble Soluble, hot Soluble Soluble 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.	

File: K-KAT XC-B221

Issue Date: 8/17/17

Supersedes: 6/11/15

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