

Product Data Sheet

K-KAT[®] XK-651 Urethane Catalyst



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K-KAT XK-651 is a versatile bismuth carboxylate catalyst designed for blocked isocyanate, two component urethanes, and one and two component silane terminated coatings. K-KAT XK-651 is designed to provide improved hydrolytic stability compared to other bismuth carboxylate catalysts.

ADVANTAGES: Excellent replacement for tin catalysts
Can be used in ambient, force dry and bake systems
Excellent gloss retention
Excellent exterior durability
Improved hydrolytic stability compared to other bismuth carboxylates

TYPICAL PROPERTIES:	Appearance	Clear, amber liquid
	% Metal	23
	Specific gravity, 25°C	1.12

SOLUBILITY: K-KAT XK-651 is soluble in aromatics, aliphatics and glycol ethers. It has limited solubility in esters and alcohols. K-KAT XK-651 is insoluble in water.

APPLICATIONS: K-KAT XK-651 is recommended for 2K and blocked isocyanate coatings. K-KAT XK-651 can replace many heavy metal and/or toxic catalysts used in the production of urethane elastomers, foams and coatings.

**TYPICAL USAGE
LEVELS:** 0.1-0.5% as supplied on total resin solids for 2-component polyurethanes.
1.0-2.5% as supplied on total resin solids for blocked isocyanates.

INCORPORATION: K-KAT XK-651 can be added directly to a single component blocked isocyanate system or the polyol component of a 2K system.

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 XK-651 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 Material Safety Data Sheet prior to use.

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

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Supersedes: