

Preliminary Data Sheet

K-KAT[®] XK-602



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K-KAT XK-602 is an experimental catalyst designed to provide lower curing temperatures in uretdione crosslinked powder coatings. It also offers improved non-yellowing properties when compared to standard amine catalysts used in these coatings. This catalyst can also be used to cure caprolactam blocked isocyanate powder coatings.

ADVANTAGES: Lower cure temperatures
Non-yellowing
Excellent gloss retention
Excellent exterior durability

TYPICAL PROPERTIES:	Appearance	White powder
	% Active	80
	Specific gravity, 25°C, g/ml	1.35
	Melting point, °C, minimum	120

APPLICATIONS: K-KAT XK-602 is specifically designed to be used in uretdione crosslinked powder coating. It provides cure at lower temperatures compared to uncatalyzed systems and does not yellow like other catalysts used in powder coatings. It has also proved effective in caprolactam blocked isocyanate powder coatings.

TYPICAL USAGE LEVELS: K-KAT XK-602 should be added at levels of 1-2% as supplied on total resin solids. Levels up to 5% can be used to achieve even lower cure temperatures.

INCORPORATION: K-KAT XK-602 can be added directly to the other components used in making a polyester/uretdione powder coating prior to extrusion.

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

HANDLING & STORAGE: 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 detailed information.