

Product Data Sheet

K-KAT[®] 5218 Urethane Catalyst



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K-KAT 5218 is an aluminum chelate complex catalyst for 2-component urethane coatings. It is effective for both ambient cure and baked systems. K-KAT 5218 is supplied in a reactive diluent for high solids applications. Provides superior pot life extension with the addition of 2,4-pentanedione.

ADVANTAGES:

- Fast tack free time
- Excellent viscosity stability/pot life
- Excellent exterior durability
- Effective with a variety of isocyanates and polyols
- Superior synergy with pot life extenders, such as 2,4-pentanedione

TYPICAL PROPERTIES:	Appearance	Clear to slightly hazy, amber liquid
	% Active (metal chelate)	65%
	Specific gravity, 25°C	1.1

SOLUBILITY: Soluble in alcohols, glycol ethers, esters, ketones and aromatic hydrocarbons. If 2,4-pentanedione is used as a pot life extender, it should be added to the polyol component then followed by the catalyst. It should not be pre-mixed with the K-KAT 5218.

APPLICATIONS:

- 2-Component urethane coatings
- Automotive topcoats
- High performance maintenance coatings
- Aerospace coatings
- Coatings for structural plastics

TYPICAL USAGE LEVELS: 1.0 - 2.0% as supplied by weight on total resin solids. For better pot life 2,4-pentanedione can be added to paint formulations at a level of 1 - 1.5% weight on total resins solids. Refer to chart on the back of this page for more information on suggested usage levels.

INCORPORATION: Add to polyol component after the 2,4-pentanedione has been added.

SHELF LIFE: 18 months from the date of manufacture, when stored at ambient conditions in the original container.

HANDLING & STORAGE: K-KAT 5218 is classified as a flammable liquid. Safe handling of this product should include the use of safety glasses and gloves. Avoid breathing vapors - use with adequate ventilation. To prevent possible discoloration, product should be stored in lined or glass containers away from sunlight and excessive heat. Storage at lower temperature can lead to hazing. Warming product to 40°C (100°F) will restore clarity. Avoid contact with metals. Refer to MSDS for detailed information.

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

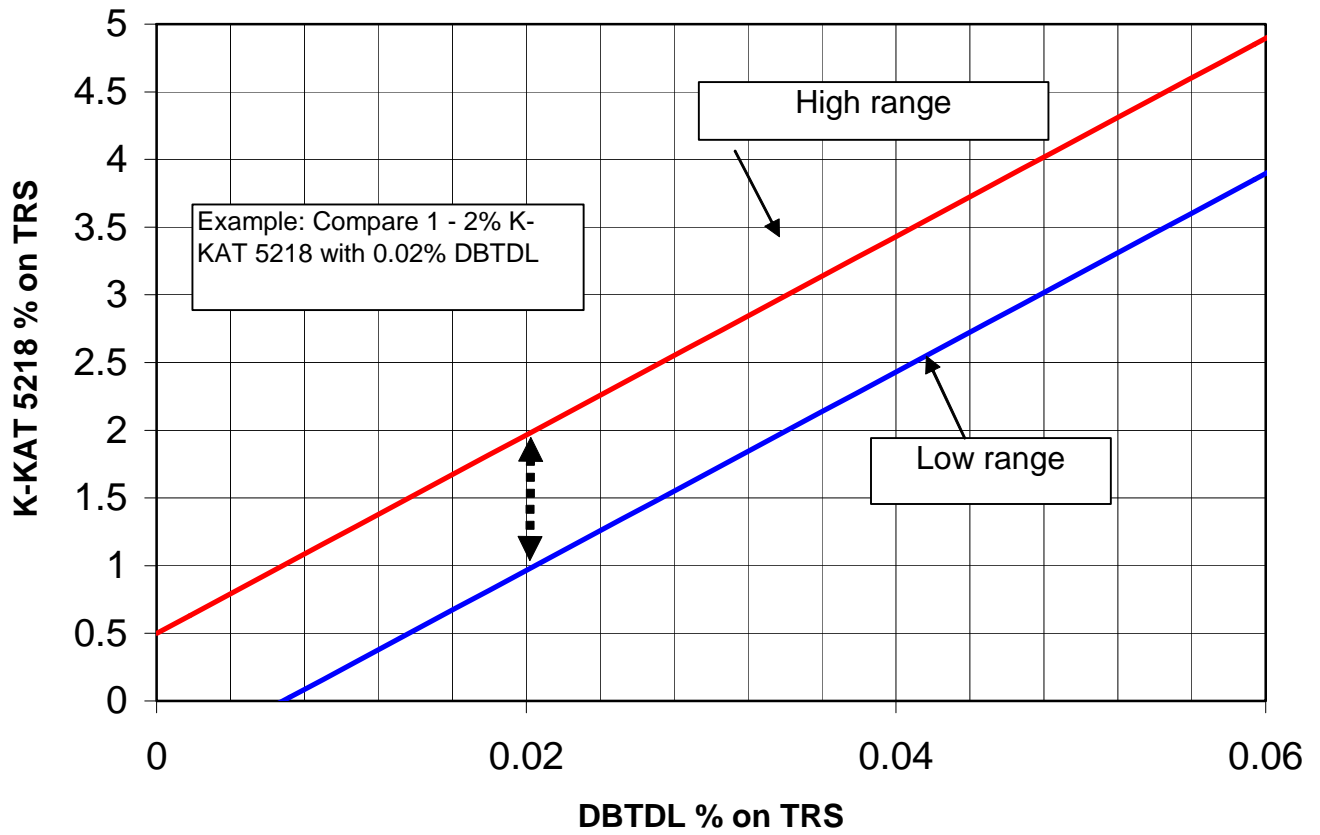
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K-KAT 5218 Catalyst Concentration on TRS* DBTDL Replacement Level



* catalyst level as supplied based on total resin solids