

Product Data Sheet

K-KAT[®] 4205 Urethane Catalyst



Science Road
Norwalk, CT 06852
(800) 431-7900
Fax: (203) 866-1268
E-Mail: coatings@kingindustries.com

K-KAT 4205 is a zirconium chelate complex that is an effective catalyst for high solids 2-component urethane coatings. It is effective for ambient and low temperature cure systems.

ADVANTAGES: Fast tack free time
Excellent viscosity stability/pot life
Effective at low metal concentrations
Effective with a variety of isocyanates and polyols

TYPICAL PROPERTIES: Appearance Clear, colorless liquid
Volatile 2,4-pentanedione
Specific gravity, 25°C 0.97

SOLUBILITY: Soluble in esters, ketones and aromatic hydrocarbons.

APPLICATIONS: 2-component urethane coatings for:
Automotive topcoats
High performance maintenance coatings
Aerospace coatings
Coatings for structural plastics

TYPICAL USAGE LEVELS: 1.0 - 2.0 % on total resin solids. For best results, it is recommended that an equal amount of 2, 4 - pentanedione or solvent be removed from the formulation prior to adding K-KAT 4205. Refer to chart on the back of this page for more information on suggested usage levels.

INCORPORATION: May be added, as supplied, to the polyol portion of the coating.

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

HANDLING & STORAGE: K-KAT 4205 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. Avoid contact with metal. Refer to MSDS for detailed information.

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

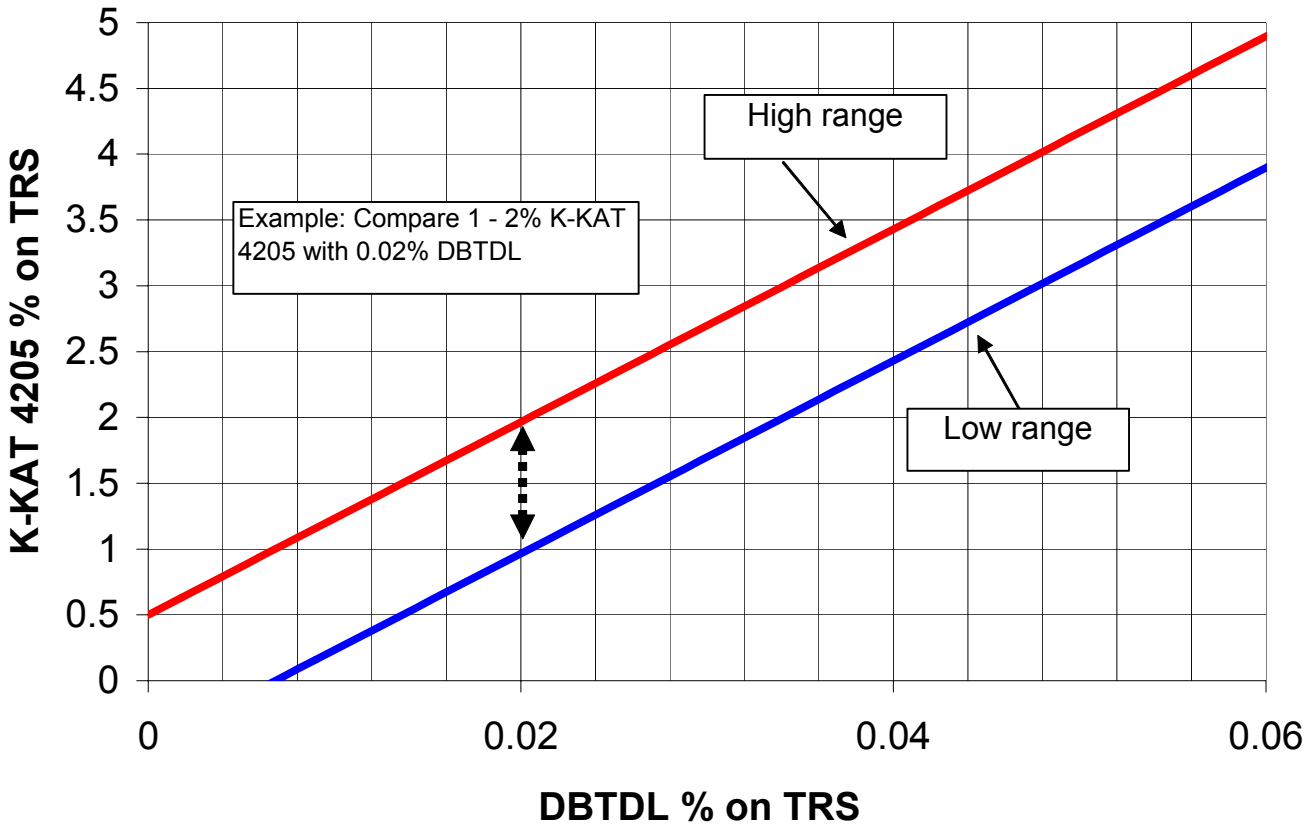
File: K-KAT 4205

Issue Date: 1/30/04

Supersedes: 6/15/03

The conditions of your use and application of our products, technical assistance and information (whether verbal, written or by way of product evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. Such testing has not necessarily been done by King Industries, Inc. ("King"). The facts, recommendations and suggestions herein stated are believed to be reliable; however, no guaranty or warranty of their accuracy is made. EXCEPT AS STATED, THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE. KING SHALL NOT BE HELD LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES. Any statement inconsistent herewith is not authorized and shall not bind King. Nothing herein shall be construed as a recommendation to use any product(s) in conflict with patents covering any material or its use. No license is implied or granted under the claims of any patent. Sales or use of all products are pursuant to Standard Terms and Conditions stated in King sales documents.

K-KAT 4205 Catalyst Concentration on TRS* DBTDL Replacement Level



* catalyst level as supplied based on total resin solids