Product Data Sheet

Preliminary Data Sheet
K-KAT® XK-604

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

K-KAT XK-604 is an effective catalyst for the reaction of isocyanates and polyols with hydroxyl groups used in the production of cast elastomers. It is a proprietary mixed organometallic complex specially formulated to be an alternative to mercury catalysts without the toxicity concerns.

ADVANTAGES:

Excellent cure response
Similar cure profile to mercury catalysts
Environmentally more acceptable

TYPICAL PROPERTIES:

Appearance	Clear, amber liquid
% Metal	18.5
Specific gravity, 25°C	1.1

SOLUBILITY:

n-Butanol	Soluble
Ketones	Soluble
Glycol ethers	Soluble
Aromatic, aliphatic hydrocarbons	Soluble
Water	Not Soluble

APPLICATIONS:

100% solids 2K urethanes for cast elastomers. K-KAT XK-604 provides gel times and cure properties similar to mercury catalysts.

TYPICAL USAGE LEVELS:

0.1 to 0.5 % as supplied on total resin solids.

INCORPORATION:

K-KAT XK-604 can be added directly to 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.

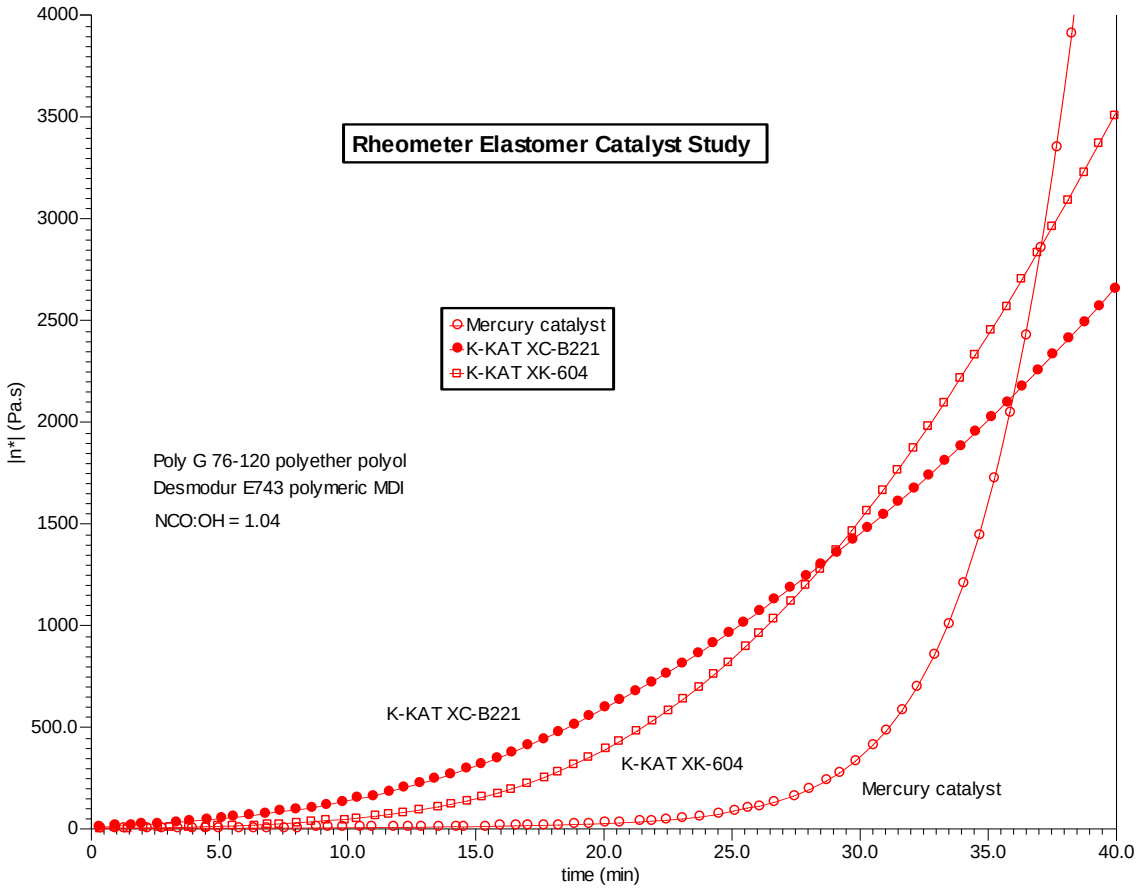
HANDLING & STORAGE:

Safe handling of this product should include the use of safety glasses and gloves. Avoid breathing vapors - use with adequate ventilation. Product should be stored in lined or glass containers away from sunlight and excessive heat. Refer to SDS for detailed information.

REGULATORY:

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

File: K-KAT XK-604 Issue Date: 9/18/2019 Supersedes: 2/27/2019



Viscosity profile measured at ambient temperature