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:**
- 12 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.
Rheometer Elastomer Catalyst Study

Poly G 76-120 polyether polyol
Desmodur E743 polymeric MDI
NCO:OH = 1.04

Viscosity profile measured at ambient temperature

Instron Testing