K-KAT XK-618 is an effective catalyst for the reaction of isocyanates and polyols for the production of urethane elastomers. It is a proprietary mixed organometallic complex specially designed to be an alternative to mercury, tin and amine catalysts without the toxicity concerns.

**ADVANTAGES:**
- Excellent cure response
- Similar cure profile to mercury catalysts
- Environmentally more acceptable

**TYPICAL PROPERTIES:**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Pale, light amber liquid</td>
</tr>
<tr>
<td>% Metal</td>
<td>2.1</td>
</tr>
<tr>
<td>Specific gravity, 25°C</td>
<td>1.00</td>
</tr>
<tr>
<td>Volatile</td>
<td>Glycol ethers</td>
</tr>
</tbody>
</table>

**SOLUBILITY:**

- n-Butanol Soluble
- Ketones Soluble
- Glycol ethers Soluble
- Aromatic, aliphatic hydrocarbons Soluble
- Water Partially soluble

**APPLICATIONS:**

- 100% solids 2K urethane elastomers. K-KAT XK-618 provides gel times and cure properties similar to mercury catalysts.

**TYPICAL USAGE LEVELS:**

- 0.1 to 1.0 % as supplied on total resin solids.

**INCORPORATION:**

- K-KAT XK-618 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.
Viscosity profile measured at ambient temperature