K-KAT XK-640 is a versatile bismuth carboxylate catalyst designed for blocked isocyanate and two component urethane coatings. It can provide similar properties to standard tin catalysts without the environmental drawbacks. K-KAT XK-640 is designed to provide improved hydrolytic stability compared to other bismuth carboxylate catalysts.

**ADVANTAGES:**
- Can be used in ambient, force dry and bake systems
- Excellent gloss retention
- Excellent exterior durability

**TYPICAL PROPERTIES:**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear, amber liquid</td>
</tr>
<tr>
<td>% Metal</td>
<td>18</td>
</tr>
<tr>
<td>Specific gravity, 25°C</td>
<td>1.12</td>
</tr>
</tbody>
</table>

**SOLUBILITY:**
K-KAT XK-640 is soluble in aromatics, aliphatics and glycol ethers. It has limited solubility in esters and alcohols. K-KAT XK-640 is insoluble in water.

**APPLICATIONS:**
K-KAT XK-640 is recommended for 2K and blocked isocyanate coatings. K-KAT XK-640 can replace many heavy metal and/or toxic catalysts used in the production of urethane elastomers, foams and coatings.

**TYPICAL USAGE LEVELS:**
- 0.05-0.2% as supplied on total resin solids for 2-component polyurethanes.
- 1.0-2.5% as supplied on total resin solids for blocked isocyanates.

**INCORPORATION:**
K-KAT XK-640 can be added directly to a single component blocked isocyanate system or 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 a respirator, safety glasses and gloves. Avoid breathing vapors - use with adequate ventilation. K-KAT XK-640 is sensitive to moisture; therefore, exposure to atmosphere during storage should be avoided. Product should be stored in a cool, dry environment away from sunlight and excessive heat. Consult the Material Safety Data Sheet prior to use.

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