

# Product Data Sheet

## K-POL<sup>®</sup> 8211 Specialty Diol



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K-POL 8211 is a unique, aliphatic and saturated diol recommended for 2K PU coatings, elastomers, and adhesives. It provides hard films with good flexibility. K-POL 8211 will provide lower VOC systems with improved toughness, high modulus and good exterior durability, plus excellent performance in thin film coatings.

<b>APPLICATIONS:</b>	Industrial Maintenance Automotive OEM/refinish Floor Coatings (residential, commercial) General Industrial Urethane elastomers Adhesives and sealants														
<b>ADVANTAGES:</b>	100% active Lower VOC Hard films with improved flexibility Good exterior durability Improved gloss														
<b>TYPICAL PROPERTIES:</b>	<table><tr><td>Appearance</td><td>Clear, Light Liquid</td></tr><tr><td>% Active</td><td>100</td></tr><tr><td>Viscosity, cPs, 25° C</td><td>7,200</td></tr><tr><td>Hydroxyl number</td><td>400</td></tr><tr><td>Hydroxyl equivalent weight</td><td>140 g/eq</td></tr><tr><td>Weight per gallon, 25°C</td><td>9.12 lb.</td></tr><tr><td>Gardner Color</td><td>1</td></tr></table>	Appearance	Clear, Light Liquid	% Active	100	Viscosity, cPs, 25° C	7,200	Hydroxyl number	400	Hydroxyl equivalent weight	140 g/eq	Weight per gallon, 25°C	9.12 lb.	Gardner Color	1
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<b>SOLUBILITY:</b>	Soluble in alcohols, esters and ketones. Partially soluble in xylene, Aromatic 100, Aromatic 150 mineral spirits and water.														
<b>TYPICAL USAGE LEVELS:</b>	<b>2-component polyurethane systems – 5-15% total resin solids</b> <b>Melamine baking systems – 5-10% on total resin solids</b>														
<b>SHELF LIFE:</b>	24 months from date of manufacture														
<b>HANDLING &amp; STORAGE:</b>	Please see the MSDS for detailed handling and storage conditions														
<b>REGULATORY:</b>	Please see section 15 of the SDS														

File:K-POL 8211

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