

# Preliminary Product Data Sheet

## K-FLEX<sup>®</sup> XM-337 Polyester Polyol



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

K-FLEX XM-337 is an aliphatic saturated polyester polyol modifier resin designed to provide increased toughness and chemical resistance for solvent based, high solids and solventless systems. It is recommended for use in 2-component polyurethanes, blocked isocyanate and melamine baking systems. Benefits include low color, UV durability, high hardness, high impact resistance, abrasion resistance and overall increased toughness.

For clear 2K PU cast elastomers K-FLEX XM-337 also provides optical clarity and high: impact resistance, Shore D hardness, tensile strength, modulus and Bayshore rebound.

**APPLICATIONS:**

- Optically clear urethane elastomers
- Urethane ballistic systems
- Ophthalmic lenses
- Aerospace
- Automotive
- Plastic coatings
- Thermoplastic urethanes
- Structural adhesives

<b>TYPICAL PROPERTIES:</b>	Appearance	Clear liquid
	Active, wt. %	100
	Viscosity, cPs, 25° C	70,000
	Hydroxyl number	220
	Hydroxyl equiv. weight	260
	Weight per gallon, lbs. (22°C)	9.25

**SOLUBILITY:** K-FLEX XM-337 is soluble in most polar organic solvents including alcohols, glycols, ketones, esters, glycol ethers and aromatics. It is not soluble in water or aliphatics.

**TYPICAL USAGE LEVELS:** K-FLEX XM-337 could be used as a reactive resin modifier, or as a primary resin, as required.

**SHELF LIFE:** Minimum of 24 months from date of manufacture, when stored in the original container at ambient conditions.

**HANDLING & STORAGE:** Store in a cool, dry location. On storage near ambient temperature, K-FLEX XM-337 may form a crystalline haze. Warming to 60°C for a short period of time will clarify the product. Please consult Material Safety Data Sheet for further information.

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

File:K-FLEX XM-337

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Supersedes: N/A

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