

Product Data Sheet

K-FLEX[®] XM-366 Polyester Diol Preliminary Data Sheet



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

K-FLEX XM-366 is a low viscosity, 100% active, saturated, aliphatic polyester diol with primary hydroxyl groups. This product was designed for use as a resin modifier of acrylic/isocyanate and acrylic/melamine systems to increase flexibility and decrease VOC.

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|--------------------------------|---|------------|--------------|----------|-----|-----------------------|-------|-----------------|-----|------------------------|-----|------------------------|-------|-------------------------|----------|---------------|---|
| APPLICATIONS: | Aerospace Automotive OEM & Refinish Plastic Coatings Marine/Maintenance VOC Compliant Systems | | | | | | | | | | | | | | | | |
| ADVANTAGES: | 100% active Low viscosity Excellent compatibility and solubility Hardness with flexibility Light color | | | | | | | | | | | | | | | | |
| TYPICAL PROPERTIES: | <table><tr><td>Appearance</td><td>Clear liquid</td></tr><tr><td>% Active</td><td>100</td></tr><tr><td>Viscosity, cPs, 25° C</td><td>2,000</td></tr><tr><td>Hydroxyl number</td><td>265</td></tr><tr><td>Hydroxyl equiv. weight</td><td>208</td></tr><tr><td>Specific Gravity, 25°C</td><td>1.118</td></tr><tr><td>Weight per gallon, 25°C</td><td>9.32 lb.</td></tr><tr><td>Gardner color</td><td>1</td></tr></table> | Appearance | Clear liquid | % Active | 100 | Viscosity, cPs, 25° C | 2,000 | Hydroxyl number | 265 | Hydroxyl equiv. weight | 208 | Specific Gravity, 25°C | 1.118 | Weight per gallon, 25°C | 9.32 lb. | Gardner color | 1 |
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| Gardner color | 1 | | | | | | | | | | | | | | | | |
| SOLUBILITY: | Soluble in alcohols, glycols, glycol ethers, esters, ketones and aromatics. Insoluble in water and aliphatic hydrocarbons. | | | | | | | | | | | | | | | | |
| TYPICAL USAGE LEVELS: | For 2-component polyurethane systems - 5-25% on total resin solids. For melamine baking systems - 5-10% on total resins solids. | | | | | | | | | | | | | | | | |
| SHELF LIFE: | 24 months from the date of manufacture when stored at room temperature in the original container. | | | | | | | | | | | | | | | | |
| HANDLING & STORAGE: | Store in a cool, dry location. 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-366

Issue Date: 2/16/12

Supersedes:

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