

K-FLEX[®] 7301 Reactive Diluent



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K-FLEX 7301 is an acetoacetate functional reactive diluent with very low viscosity and excellent compatibility with a wide range of resins. It is recommended for solvent based and high solids 2-component epoxy/amine and epoxy/polyamide applications. Low level modification with K-FLEX 7301 could help to eliminate blush and all the negative affect that blush would have upon film properties. Improvements in adhesion and corrosion resistance are found with levels as low as 1.5% on total resin solids (TRS).

APPLICATIONS:	Epoxy-polyamide or epoxy/amine primers for: Industrial Maintenance, Marine, Aerospace, Automotive, Truck/Bus/Rail, Agricultural/Construction Equipment, Adhesives for metals or plastics	
ADVANTAGES:	Excellent adhesion and improved corrosion resistance. Excellent compatibility with epoxy resins. VOC and viscosity reduction. Elimination of solvent popping and pinholes. Reduced induction time in epoxy/polyamide coatings without blush.	
TYPICAL PROPERTIES:	Appearance Nonvolatile, 60 minutes/110°C, % Solvent Viscosity, 25°C, cP AcAc Eq Wt., g/eq Flash Point, °F Specific gravity, g/ml, 25°C	Clear, amber liquid 99.0 None 133 125 >200 1.15
SOLUBILITY:	Alcohols, esters, ketones Aromatic hydrocarbons Aliphatic hydrocarbons Water	Soluble Soluble Soluble Dispersible
INCORPORATION:	Add directly to the epoxy component. Levels of 1.5-5.0% on TRS are recommended	
SHELF LIFE:	Minimum of 24 months from date of manufacture, when stored in the original container at ambient conditions.	
HANDLING & STORAGE:	Refer to SDS for complete handling instructions.	
REGULATORY:	Please refer to Section 15 of the Safety Data Sheet for information.	
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