

# Product Data Sheet

## K-PURE<sup>®</sup> CDR-3320 Metal Passivator –Adhesion Promoter



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SAMPLE REQUEST

K-PURE CDR-3320 is a unique oligomeric ester that has an affinity for metal surfaces. As a result, CDR-3320 creates a barrier layer at metal surfaces that passivates the potential for corrosion caused by corrosive ions. Due to its unique chemistry, CDR-3320 may also react with amino based systems. This reactivity plus the affinity for metal surfaces will also promote adhesion of organic coatings to metal substrates.

**APPLICATIONS:** Solvent and solventless formulations requiring corrosion protection  
2-component epoxy systems that utilize an amine type curative  
Amino cross-linked systems  
Suitable for cleaning solutions, adhesives, specialty coatings

**ADVANTAGES:** Effective for various metals; copper, iron, steel, brass, aluminum.  
May reduced induction (or setting) time in 2K Epoxy Formulations  
Wet adhesion promotion

<b>TYPICAL PROPERTIES:</b>	Appearance	Clear, amber liquid
	Viscosity, 25°C, cPs	1150
	Equivalent Weight (active hydrogen)	190
	Flash Point, °F	>200
	Specific gravity, g/ml, 25°C	1.14

<b>SOLUBILITY:</b>	Alcohols, esters, ketones	Soluble
	Aromatic hydrocarbons	Soluble
	Aliphatic hydrocarbons	Soluble

**TYPICAL USAGE LEVELS:** Treatment levels will be dependent upon application. As a corrosion inhibitor for solutions, typical use levels are between 0.1 – 1% on total formulation. As an additive for a resin based system, 1-5% on total resin solids.

**SHELF LIFE:** Minimum of 12 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.

File: K-PURE CDR-3320

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