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

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

**SOLUBILITY:**
- 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.