



## Technical Data Sheet

<b>MATERIAL:</b>	Poly(caprolactone) diol
<b>CATALOG NUMBER:</b>	505
<b>CAS NUMBER:</b>	36890-68-3
<b>DESCRIPTION:</b>	Dihydroxy terminated Poly(caprolactone)
<b>FORMULA:</b>	$(C_6H_{10}O_2.C_4H_{10}O_3)_x$

**TYPICAL PROPERTIES:**

Appearance:	Fused mass
Approx Mn:	830
Density:	1.08 (20°C)
Viscosity:	167cs (55°C)
Melting point:	40°C
Flash point:	560°F
Hydroxyl number:	135mg KOH/g
Solubility:	THF; Insoluble in water

**GENERAL INFORMATION:** Poly(caprolactone) diols undergo the usual reactions expected of primary alcohol functionality, including reaction with isocyanates, melamines or aminoplasts, and epoxides. Typical applications include use in polyurethanes for adhesives, sealants, coatings and elastomers, modifiers to flexibilize acrylic, polyester, vinyl and thermoset coatings, reactivdiluent to increase the solids content of solvent-based coatings and epoxy flexibilizers for coating and molding applications.

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