



Technical Data Sheet

MATERIAL: Poly(caprolactone) triol

CATALOG NUMBER: 429

CAS NUMBER: 37625-56-2

DESCRIPTION: Trihydroxy terminated Poly(caprolactone)

FORMULA: $(C_6H_{10}O_2)_x(C_6H_{10}O_2)_x(C_6H_{10}O_2)_x C_6H_{14}O_3$

TYPICAL PROPERTIES:

Appearance:	Viscous liquid
Approx Mn:	300
Viscosity:	200-250 cs (55°C)
Density:	1.08 (40°C)
Melting point:	0°C
Boiling point:	> 210°C
Freezing point:	-30°C
Flash point:	420°F
Hydroxyl number:	560mg KOH/g
Solubility:	THF; Insoluble in water

GENERAL INFORMATION: Poly(caprolactone) triols 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, reactive diluents to increase the solids content of solvent-based coatings and epoxy flexibilizers for coating and molding applications.

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