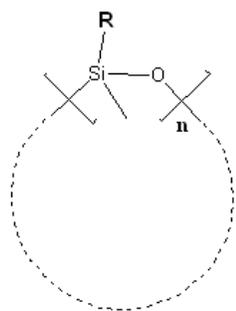


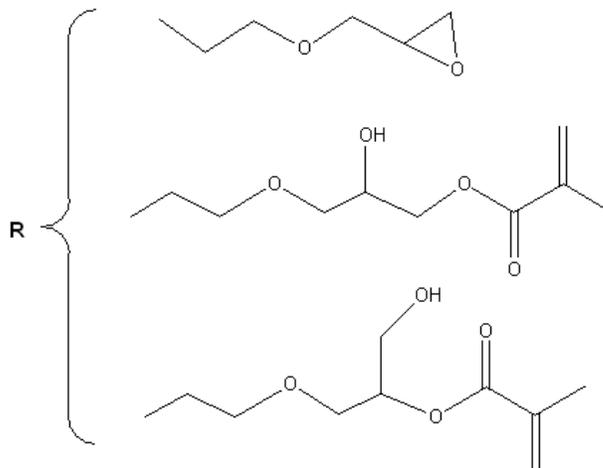
TECH DATA SHEET

CS-783



Representative Structure

Where n = 3 - 5 repeating units
R = as indicated



DESCRIPTION

CS-783 is a methacrylated epoxy functional hybrid cyclosiloxane monomer. This unique monomer can be used in free-radical polymerization as well as epoxy related cures. The monomer is used primarily as an adhesion promoter to mold compound, metal surfaces, and polyimide surfaces. It can also act as a multifunctional diluent. The monomer is soluble in most resins.

HIGHLIGHTS

- Dual cure mechanism
- Multifunctional
- UV curable
- Low chloride
- Low viscosity

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

PROPERTY	METHOD	RESULT
Appearance at Room Temperature	Visual	Yellow liquid
Viscosity @ 25°C (typical)	Haake Rheometer	250 cP
Epoxy Functionality		2-4
Methacrylate Functionality		1-2
Average Molecular Weight		783 daltons
Average Epoxy Equivalent Weight		261
Recommended Storage Temp		+5°C or below

Data is for reference only and may vary depending on testing method used. The structure shown above is an idealized representation of a statistical distribution.

RECOMMENDED FORMULATION USE:

CS-783 is recommended for use as an adhesion promoter to mold compounds and metal substrates. Typical addition levels are 1-5% of the total resin. CS-783 can also be used for standard epoxy curatives, catalysts, B-staged and/or hybrid adhesives.

CONTACT:

REQUEST A SAMPLE OR PLACE AN ORDER

Customer Support

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REF: DMI Part Number: R1366