



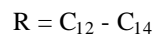
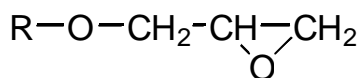
LGE

Reactive Diluent

General Description

EPOKUKDO LGE is a reactive diluent which is glycidyl ether of a mixture of C₁₂ - C₁₄ aliphatic alcohols used in order to reduce the viscosity of Epoxy Resin. LGE is a monofunctional reactive diluent which has low toxicity, low vapor pressure and low volatile content. Also, LGE provides good flexibility and adhesion on nonpolar surfaces. Therefore, LGE can be used in various paints, floor coating, etc.

Structure



Typical Properties

Item	LGE	Test Method
EEW(g/eq)	275-300	KD-AS-001
Viscosity(cps at 25°C)	5-20	KD-AS-005
Color(APHA)	30 max.	KD-AS-027

Recommended Usage

LGE can be used as below to reduce the viscosity of mother resin which is a standard liquid Epoxy Resin like YD-128(initial viscosity = 12,500cps at 25°C).

Weight percent(LGE)	Viscosity(cps at 25°C)
5%	4,000
10%	1,900
15%	800
20%	300

Physical state

Clear Liquid

Storage Life

At least 12 months in sealed containers at room temperature.

Handling Precautions

Any accidentally contaminated skin areas should be washed with soap and water repeatedly ; Solvents should not be used for cleaning the skin. In case of eye contact, flush with water and consult with a physician.

Packaging

200 liters steel drums and 20 liter Can.