



Technical data sheet

1. Description

Chemical name: 2- Ethyl Hexyl Glycidyl Ether. CAS No.: 2461-15-6
Molecular formula: $C_{11}H_{22}O_2$, Molecular weight: 186,
Structural Formula: $C_8H_{17}OCH_2(CHCH_2)O$,
Physical and Chemical Character: Colorless Transparent Liquid, no irritant smell, low toxic,
Specific gravity(25 °C): 0.91, Boiling point: 257°C, Refractive index(20°C): 1.4344~1.4354.

2. Technical Data Sheet

Items	Unit	Specifications
Color	G	≤ 1
Viscosity	mPas (25°C)	2~9
Epoxy Equivalent Weight	g/eq	215-230
Hydrolyzable chloride	%	≤ 0.05
Moisture Content	%	≤ 0.08
Residual ECH	ppm	≤ 10

3. Application

Used together with liquid epoxy resin to reduce the viscosity of epoxy resin, and enhance the flexible, suitable for casting material of electrical equipment of winding-forming, floor material, concrete repairing material, filling material, vis breaking for adhesives. Could also used in Cosmetics industry. The features of application: excellent wet-keeping, low volatility.

4. Packing:

- Packed in 180 kg/barrel or 900kgs/IBC container
- Storage and transportation must conform to basic requirements of normal chemicals.
- Store in a cool, dry and well ventilated area. Keep away from ignition sources, heat and flame and sunlight.
- It is necessary to maintain insulated (tightly seal) after use, in order to avoid negative influence arousing from moisture absorption.

5. Shelf life:

- 12 Months