



Polymercaptan GL-1301

Guangzhou Green & Guangzhou Faith is a major supplier of polymercaptan & mercaptan based hardener in China. Over the years, we have been consolidating our position as a technological leader in China market for rapid cure mercaptan systems. The company's capability to offer customized solution has enabled it to continuously expand its line of products and services to the industrial adhesives, consumer adhesives, water-borne electrical insulation paint and various other sectors.

Product description

Polymercaptan GL-1301, also known as 2-(2-sulfanylethylsulfanyl)ethanethiol, is a low viscosity, clear and transparent liquid compound contains two-SH functional groups. As an important organic chemistry intermediate, it is often used in synthesis of high refractive index optical monomers.

Applications

Polymercaptan GL-1301 can be used as a curing agent for epoxy resin adhesive and coating industry. One of the main applications of this mercaptan is to synthesis high refractive index optical material as it improves transparency and refractive index of resin significantly. These typical properties make multifunctional group mercaptan GL-1301 especially fit for applications such as high refractive index optical resin material monomer, sealant materials and rubber elastomer for LCD backlight materials.

Typical properties

Property	Standard	Value
Appearance	---	Colorless transparent liquid
-SH content	%w/w SH	≥ 42
Refractive index	---	1.590~1.605
Chroma(hazen)	Hazen	≤ 15
Viscosity	mPa·s (25°C)	20±5

Storage

Polymercaptan GL-1301 should be stored in a dry place, in its sealed original container at temperatures between 10°C-30°C. Under these storage conditions the shelf life is 24 months from date of manufacture. The product should not be exposed to direct sunlight.

Package

200kg/drum