



PETMP

Guangzhou Green & Guangzhou Faith is a major supplier of polymercaptopan & mercaptopan based hardeners in China. Over the years, we have been consolidating our position as a technological leader in China market for rapid cure mercaptopan 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

Polymercaptopan GL-1405(PETMP) is a low viscosity, clear and transparent liquid compound contains four -SH functional groups that can be used for rapid curing agent or accelerator for epoxy & UV systems

Applications

Polymercaptopan PETMP can be used as a curing agent for epoxy resin adhesive and coating industry. It is an organic synthetic intermediate that is often found as a modifier, a crosslinker or a catalyst in modification formula of UV resins, UV coatings, inks, etc. PETMP cures epoxy resins rapidly under low temperatures and it can also be used as a catalyst for acid ions exchange. One of the main applications of this mercaptopan is to synthesize high refractive index optical material as PETMP improves transparency and refractive index of resin significantly, as well as enhances the impact and dye properties, curing speed of resin. These typical properties make it especially fit for high refractive index optical resin material monomer.

Typical properties

Property		Value
Appearance	---	Colorless transparent liquid

-SH content	%w/w SH	25.0~27.0
Refractive index	---	>1.5290
Chroma(hazen)	Hazen	≤20
Viscosity	mPa·s (25℃)	350±10

Storage

Polymercaptan PETMP should be stored in a dry place, in its sealed original container at temperatures between 10℃-30℃. Under these storage conditions the shelf life is 12 months from date of manufacture. The product should not be exposed to direct sunlight.

Package

30kg/drum, 200kg/drum