



Mercaptan based Polymer

Guangzhou Green & Guangzhou Faith is a leading manufacturer and supplier of mercaptan based polymer, mercaptans in mainland China. 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

GL-1800 is a mercaptan(-SH) based compound used as a liquid curing agent for Bisphenol A epoxy resin with unique rapid curing characteristic under ambient conditions. This is an odor-reduced and low toxicity version of un-catalyzed mercaptan polymer. When formulated with tertiary amines it provides rapid curing on epoxy systems at low temperatures and in thin films. This mercaptan has excellent color and is especially fit for transparent epoxy systems or other systems in which clear color is a requirement.

Applications

- Silicon Slices Cutting Glue for Photovoltaic Industry
- Rapid Repair Adhesive
- Industrial Adhesive
- Jewelry and Craft Adhesive Cure
- Process Adhesive for Industrial Assembly
- Acceleration for Amines or Amide Chemistries

Features

- Rapid cure in Thin Films
- Low Temperature Cure
- Low Toxicity
- Excellent Color

Typical Properties

Property	Value
Color, Gardner	2.0 Max
-SH content (%w/w SH)	≥12
Viscosity(Brookfield) at 25°C, cP	10,000-16,000
Mixing ratio with epoxy resin(E51/128)	1:1

Storage

Mercaptan based polymer GL-1800 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

25kg/drum, 220kg/drum