



# EP-35

Epoxy-Modified Silicone Fluid

2025/01/09 Draft. **PDS**

## Description

EP-35 is a side-chain epoxy-modified silicone oil with a viscosity of 100. It can be used to enhance product reactivity, adsorption, flexibility, and release properties. It is suitable for fiber oil agents, low-stress agents for epoxy resins, automotive wax raw materials, and coating additives.

## Storage & packaging

When stored in its originally sealed packaging at 5°C - 40°C, this product may be stored for up to 8 months from its manufacturing date. Comply with the storage instructions marked on the packaging. Once past this expiration date, TAI COUNTY CHEMICAL no longer guarantees that the product meets the sales specifications.

Product comes in 20 、200 kg iron drums.

## Characteristics

- Excellent thermal stability
- Good flame resistance
- Good dielectric properties
- Good antioxidant properties
- Good weather resistance
- Low viscosity variation with temperature

## Applications

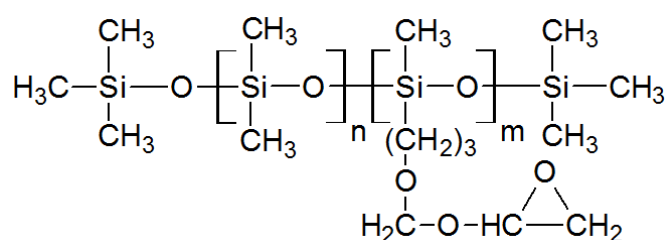
- EP-35 is a reactive linear silicone oil containing epoxy side chains, which can be used to modify the physical and surface properties of various polymers.
- EP-35 can serve as a reactive silicone intermediate in the synthesis of organic silicone copolymer products.
- The epoxyalkyl functional group can react with alcohol, acid, and amine functional groups, enabling the synthesis of various organofunctional silicones.

## Properties

Appearance	Transparent liquid
Active ingredient(%)	35.0%
Viscosity, 25°C, cps	100

## Processing

(Depending on the actual conditions, you can adjust the usage amount.)



## Safety

This document does not contain the safety information required for the product. Please read the safety data sheet for this product before use.