

ChangFu® MS-EPT

Epoxy terminated modified polysiloxane



Description ChangFu® MS-EPT is a special organosilicon compound which has an epoxy group at the end of its molecular chain. This unique structure makes it a highly reactive siloxane that can be employed for further cross-linking reactions or functionalization reactions. It has been widely utilized to improve properties and performances of paints, coatings, adhesives, and sealants.

Features & Benefits Highly reactive polysiloxanes with an epoxy functional group.
Has excellent thermal and chemical stability.
Able to form good chemical bonds with a variety of organic and inorganic materials, showing good compatibility and stability.

Applications Used as a tackifier, an adhesion promoter and a crosslinker to improve the weather, water resistance, and chemical resistance of paints and coatings.
Used as a coupling agent and adhesion promoter in adhesives and sealants to enhance the adhesion and durability.
Used as a resin crosslinker to adjust the strength and flexibility of the resin, improve the reactivity of the resin, and thus improve the performance of the finished products.
Used as an intermediate in the synthesis of silicone oils which mainly act as finishing agents to improve the softness, smoothness, and water resistance of textiles and fabrics.

Typical Properties

Description	Epoxy terminated modified polysiloxane
Product No.	ChangFu® MS-EPT
Appearance	Colorless to light yellow clear liquid
Active Ingredient Content	100%

Package Offered in 25L pails and 200L drums.
Custom packaging is available.

Storage Stored in a cool, well-ventilated place.
Keep container tightly closed.

Transportation See the corresponding Safety Data Sheet.