

ChangFu® EX23



2-(3,4-Epoxycyclohexyl)ethylmethyldiethoxysilane

Description ChangFu® EX23 is a silane coupling agent containing epoxy functional groups and dialkoxy functional groups. Acting as an adhesion promoter between organic polymers and inorganic substrates, it is primarily utilized in various industries such as paints, coatings, adhesives, sealants, and rubbers.

Features & Benefits Reacts slowly with moisture/water.
Contains epoxy functional groups.
Ring epoxide more reactive than glycidoxypropyl systems.
Suitable for UV cure and epoxy systems.

Applications Used as a coupling agent, adhesion promoter and surface modifier in various polymers such as coatings and adhesives.
Used as a crosslinking agent in the preparation of hybrid organic-inorganic compounds.
Used as a crosslinker and a bonding agent to improve water resistance and wet adhesion of latexes waterborne adhesives and sealants.

Typical Properties

Product No.	ChangFu® EX23
Description	2-(3,4-Epoxycyclohexyl)ethylmethyldiethoxysilane
CAS No.	14857-35-3
Formula	C ₁₃ H ₂₆ O ₃ Si
Purity	min 96%
Color	Colorless or light yellow
Appearance	Clear liquid

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

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

Transportation Non-hazardous for transportation.