

Technical Data Sheet

ChangFu® EX23

2-(3,4-Epoxy cyclohexyl)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-Epoxy cyclohexyl)ethylmethyldiethoxysilane
CAS No.	14857-35-3
Formula	C13H26O3Si
Purity	min 97%
Color	Colorless or light yellow
Appearance	Clear liquid

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

Non-hazardous for transportation.