

ChangFu® EX22



2-(3,4-Epoxy cyclohexyl)ethylmethyldimethoxysilane

Description ChangFu® EX22 is a colorless to light yellow clear liquid. It contains epoxy functional groups and dialkoxy functional groups. The epoxy group has high reactivity and can be cross-linked with other compounds containing active hydrogen. In addition, it can reduce the surface tension and improve the wettability of the material surface, thereby improving adhesion to other materials.

Features & Benefits Reacts slowly with moisture/water.
Epoxy functional dialkoxy silane.
Ring epoxide more reactive than glycidoxypropyl systems.
Epoxy silane treated surfaces convert to hydrophilic-diols when exposed to moisture.

Applications Used as an adhesion promoter or crosslinker in coatings and adhesives.
Used as an adhesion promoter for waterborne systems such as the acrylic sealant, offers consistent and dramatic improvements in water stable adhesion.
Used as a crosslinker and an adhesion promoter to improve water resistance and wet adhesion in latexes waterborne adhesive and sealant systems.

Typical Properties

CAS No.	97802-57-8
Formula	C ₁₁ H ₂₂ O ₃ Si
Purity	min 97%
Color	Colorless or light yellow
Appearance	Clear liquid

Package ChangFu® EX22 is offered in 25L PE pails, 200L PVF steel drums.
Please contact ChangFu team for any special packaging request.

Transportation & Storage Stored in a cool, well-ventilated place, and avoid exposure to humidity.
Stored in its original containers and used up as soon as possible after opening.