

## ChangFu® A22



3-Acryloxypropylmethyldimethoxysilane

**Description** ChangFu® A22 is a highly reactive silane coupling agent which contains both acrylate and alkoxy functional groups. It has the ability to enhance the adhesion between organic polymers and inorganic substrates. It is also an important comonomer for free-radical polymerization.

**Features & Benefits** High reactive acryloxy silane monomer.  
Excellent coupling agent and surface modifier.  
Suitable for UV curable systems.

**Applications** Used as a silane coupling agent to enhance the mechanical and physical properties of polymers and composite materials, especially suitable in UV cure and epoxy systems.  
Used for the preparation of optical fiber coatings and advanced electronic materials.  
Used for the surface modification of nanoparticles and inorganic fillers.  
Used to produce high strength and low shrinkage dental restoration materials.

### Typical Properties

Description	3-Acryloxypropylmethyldimethoxysilane
Product No.	ChangFu® A22
CAS No.	13732-00-8
Formula	C <sub>9</sub> H <sub>18</sub> O <sub>4</sub> Si
Purity	min 96%
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** See the corresponding Safety Data Sheet.