

ChangFu® SP-ENW22



Multifunctional siloxane oligomer in water

Description ChangFu® SP-ENW22 is a new type of siloxane oligomer in water with multifunctional groups. It can be blended with water in any ratio. This product has good compatibility with water-based materials, especially acrylic or polyurethane emulsion and resins, and will not affect the stability of coatings after mixed. As an eco-friendly choice, it does not generate any organic solvents during the formulation and curing process.

Features & Benefits Thermal-curing silicone polymers.
Compatible with waterborne materials.
Can improve hardness, wear resistance and stain resistance performance.
Excellent adhesion promoter and metal surface modification agent.

Applications Used as an adhesion promoter to improve the adhesion and compatibility for polymer-based sealant, adhesive, paints, and coatings, especially suitable for waterborne systems.
Used as a surface treatment agent of various inorganic substrate.
Used in the surface modification of inorganic fillers and metals, to improve the dispersion and wettability of fillers, improve surface adhesion and corrosion resistance of the substrates.
Used as an eco-friendly additive for the preparation of fiberglass reinforcement materials.
Used as an additive to enhance the hardness of heat insulation coatings on construction glass surface and improve the light transmittance of glass.

Typical Properties

Description	Multifunctional siloxane oligomer in water
Product No.	ChangFu® SP-ENW22
Appearance	Colorless to light yellow clear liquid
Solid Content	31±1%
Viscosity	≤20
PH Value	≤7

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.