

ChangFu® SP-NW68

Multifunctional siloxane oligomer in water



Description ChangFu® SP-NW68 is a new type of multifunctional siloxane oligomer in water. It can be heated to generate a high-strength organic silicon layer after coating on the material's surface. No organic solvents are produced during the formulation and curing process. It can form an eco-friendly film with great hardness, scratch resistance, and excellent adhesion to numerous substrates.

Features & Benefits Contains multifunctional groups.
Excellent adhesion promoter and metal surface modification agent.
Significantly improve solvent resistance and corrosion resistance performance.
Lower VOCs compared to conventional silane coupling agents.

Applications Used as a surface treatment agent of various inorganic substrate.
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 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.

Typical Properties

Description	Multifunctional siloxane oligomer in water
Product No.	ChangFu® SP-NW68
Appearance	Colorless to light yellow clear liquid
Solid Content	28±1%
Viscosity	≤20
PH Value	≥10

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.