

ChangFu® SP-EW29



Epoxy functional siloxane oligomer in water

Description ChangFu® SP-EW29 is a new type of water-based silicone polymer containing epoxy functional groups, which is mainly used for surface treatment of metal, glass, ceramics, and other materials. Compared with traditional silicone resins, it can form a high hardness film layer after curing, showing excellent solvent and corrosion resistance.

Features & Benefits No flammable organic components are released.
No volatile organic compounds are released.
Especially suitable for polymer systems with water as the solvent.

Applications Used as an additive in metal surface treatment solution, to improve the salt spray resistance and bonding performance.
Used as an adhesion promoter for sealant, adhesive, coating, and other industries, which can significantly improve the compatibility.
Used in the surface treatment of inorganic fillers, to improve the dispersion and wettability of fillers, and improve the surface adhesion and chemical resistance of inorganic substrates.
Used as an additive for glass fiber reinforcement composites.

Typical Properties

Description	Epoxy functional siloxane oligomer in water
Product No.	ChangFu® SP-EW29
Appearance	Colorless to light yellow clear liquid
Solid Content	27±0.5%
Viscosity	≤100
PH Value	≤5

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.