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**Skyspring nanomaterials**

## **Silicon Oxide Nanoparticles (SiO<sub>2</sub>, 99.8%, 10-20 nm, surface modified, Super-hydrophobic & Oleophilic, dispersible)**

Product #: 6862HN

Form: White Powder

Empirical Formula: SiO<sub>2</sub>

### **Specifications**

Purity: 99.8% (before surface treatment)

APS: 10-20 nm

SSA: 90-130 m<sup>2</sup>/g

Characteristics:

- Surface modified with single layer organic chain, super-hydrophobic and Oleophilic;
- Dispersible in non-polar and weak polar organic solvents;
- For applications of lubricating greases, resins, adhesives, elastomers, inks, sealants, wax, leather, and waterproof and anticorrosive coatings

Typical Impurities

C	<0.5wt%
Ca:	<1000 ppm
Fe:	<500 ppm
Ti:	<500 ppm
Na	<500 ppm