

## Silica

### Specification Sheet

**Description:** Amorphous silica is a solid substance (silicon dioxide) that occurs in various form in nature (e.g. sand, quartz, minerals). It comes as spherical shaped fine powder. The particles are porous in nature and improves the smoothness of powders while providing an excellent aesthetic feel. Particle size 2.0 - 15.0 microns. Purity 100%. Note: Silica is amorphous, not crystalline. Because of this, a Prop 65 warning is not required.

**CAS:** 7631-86-9

**INCI Name:** Silica

**Composition:** Silica

**Appearance:** Fine white powder

**Benefits:**

- Acts as a texturizer and soft focus and anti-caking agent.
- Due to its free-roll-over property silica provides a luxurious feel, excellent tactile experience, and exceptional lubricity to loose and pressed powder products.
- It improves the "fluidity" of make-up powders and skin care products.
- As a carrier material, the beads can hold perfumes and active ingredients by adsorption.

**Use:** Can be formulated into o/w and w/o emulsions & anhydrous systems. Add to oil phase of all emulsion types. For external use only.

**Applications:** Sun care products, skin care products, color cosmetics e.g. makeup & powders, hair care products.

**Solubility:** Not soluble in water (partly in hot water), dispersible in oils

**Preservation:** Preservative-free

**Storage:** Store in a closed container at a dry place at room temperature.

**Country of Origin:** USA

**Raw material source:** Quartz



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**Manufacture:** Silicon dioxide is obtained by mining or sand mining and purification of quartz which is then oxidized in a multi-step process to form crystalline silicon dioxide.

**Animal Testing:** Not animal tested.

**GMO:** GMO-free (does not contain plant-derived components)

**Vegan:** Does not contain animal-derived components.

**HS Code:** 3003100000