

## Polymethylsilsesquioxane

### Specification Sheet

**Description:** High-performing spherical silicone powder providing enhanced aesthetics and wrinkle-masking effects. It creates a non-thickening effect, has excellent water-repellency and flows freely without agglomeration, providing superior handling and processing ease. Typical particle size 4-6 microns (not nano-sized). Fine, white powder. Water-insoluble.

**CAS:** 68554-70-1

**INCI Name:** Polymethylsilsesquioxane

**Benefits:**

- Gives skin a smooth, silky, powdery feeling and masks and blurs wrinkles
- Effectively absorbs sebum
- Enhances water repellency
- Provides good surface-slip and anti-caking properties

**Use:** Typical use level 1-20%, add to oil phase of formula. For external use only.

**Applications:** Creams, foundations, lipsticks, eye shadows, eyeliners, mascara and powder products.

**Country of Origin:** USA

**Raw material source:** Methyltrichlorosilane and methanol

**Manufacture:** Methyltrichlorosilane and methanol are used to form methyltrimethoxysilane which is then polymerized by hydrolysis and condensation to form polymethylsilsesquioxane.

**Animal Testing:** Not animal tested

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

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