

# SILICA Powder Crystalline

**99.9%**

(Purity)



Stock no:  
**NS6130-12-001899**

## Chemical Identifiers

Purity	:	99.9%
Chemical name	:	SiO <sub>2</sub>
APS	:	15-20nm
Molecular Weight	:	60.08g/mol
Bulk Density	:	1400 kg/m <sup>3</sup>
Melting Point	:	1610 (°C)

Crystalline silica, commonly known as quartz, is an abundant mineral in rock, sand, and soil. Silica exposure refers to respirable (< 5 µm) and chemically uncombined (free) silica, which is widely known to cause chronic inflammation and fibrosis in the lung and other organs. Crystalline silica has also been classified as a known human carcinogen (and is associated with systemic autoimmune diseases).

An abundant natural material, crystalline silica is found in stone, soil, and sand. It is also found in concrete, brick, mortar, and other construction materials. Crystalline silica comes in several forms, with quartz being the most common. Quartz dust is respirable crystalline silica, which means it can be taken in by breathing.

## Applications

✓ It is also used to make products such as glass, pottery, ceramics, bricks, and artificial stone.



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20ZICE4589C



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