

ALPHA ENVIRONMENTAL		PRODUCT DATA SHEET
		PRODUCT CODE: Nano Silica
SILICON DIOXIDE (NANO POWDER) HIGH PURITY		
CAS No.	EINEC No.	HS Code
7631-86-9		
PHYSICAL DATA		
Chemical Formula	SiO ₂	
Appearance	White Powder	
Molecular Weight	60.09	
Average Particle Size	10 - 80 nM (nanometer)	
Specific Surface Area	600 - 800 m ² /g	
Shaking Compactness	<0.20g/cm ²	
Loss of weight on drying	<1.5%	
Loss of weight on burning	<1.8%	
Ultraviolet reflectivity	>80%	
CHEMICAL SPECIFICATIONS (Typical Values)		
Purity	99% min	
Iron (Fe)	0.2 ppm max	
Cobalt (Co)	0.8 ppm max	
PACKING		
1) 10 kg (22 lb) in double poly-lined fiber board drums		
USES		
Filler for cosmetics such as lipsticks, face powders, foundation, etc. High-strength alumina ceramics Surface coatings & paints for improving scratch & mar resistance. Functional chemical fiber; High-grade plastics; Sealants for insulation products		

The information provided herein is believed to be reliable, however, no guarantees are made or liability assumed.

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