

**Kardol Quality Products**  
285 S. West Street  
Lebanon, Ohio 45036  
513-933-8206 Fax: 513-932-6900

**MATERIAL SAFETY DATA SHEET**  
# 502708, 502709, 502711 & 502714  
Trade Name: Aerosil Fiber Fillers

**Section 1: Composition / Information on Ingredients**

Hazardous Component	CAS #	Weight Percent	Occupational Exposure Limits			Vapor PI@ Temp MM Hg
			OSHA PEL	ACGIH TLV	Other	
Silicon dioxide	112945-52-5	100%				

**Section 2: Physical & Chemical Properties**

Appearance & Odor:	Powder, white, odorless
pH:	3.7-(40 g/l (20°C))
Vapor Pressure (mm Hg.):	Not applicable
Vapor Density (AIR = 1):	ca. 2.2 g/cm <sup>3</sup> (20 °C)
Evaporation Rate (Butyl Acetate = 1):	
Boiling Point:	not applicable
Melting Point:	ca. 1700 °C
Freezing Point:	not applicable
Solubility in Water:	hardly soluble
Specific Gravity or Density (H <sub>2</sub> O = 1):	
Material VOC:	

**Section 3: Fire & Explosion Hazard Data**

Flash Point:	not applicable
Flammability Limits:	not applicable
Extinguishing Media:	all extinguishing substances suitable
Special Fire Fighting:	
Unusual Fire and Explosion Hazard:	

**Section 4: Reactivity Hazard Data**

Stability:	
Conditions to Avoid:	Operations that create dust
Hazardous Decomposition:	none known

**Section 5: Health Hazard Data**

**Inhalation Risks and Symptoms of Exposure:** May cause irritations of the respiratory tract.

**Skin and Eye Contact Health Risks and Symptoms:** Eye, possibly irritating. Skin, may cause drying of the skin.

**Carcinogenicity:** NTP Carcinogen: IARC Monographs: OSHA Regulated: YES

**Medical Conditions Generally Aggravated by Exposure:** eyes, skin and inhalation

**EMERGENCY FIRST AID PROCEDURE:**

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes or until all material has been removed. Obtain medical attention.

**Skin Contact:** Wash off with soap and plenty of water.

**Inhalation:** In case product dust is released: Possible discomfort including cough & sneezing. Move victims into fresh air.

**INGESTION:** If accidentally swallowed, rinse mouth thoroughly with water and afterwards, drink plenty of water. In case of discomfort, obtain medical attention.

**Section 6: Control and Protective Measures**

**Respiratory Protection:** A respiratory protection program that meets OSHA 1910, 134 and ANSI Z88.2 or applicable federal/provincial requirements must be followed whenever workplace conditions warrant respirator use. NIOSH's "Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.

**Ventilation:**

**Protective Gloves:** Use impermeable gloves.

**Eye Protection:** Wear safety glasses with side shields. In case dusts are formed, wear close fitting protective goggles.

**Other Protective Clothing:** A safety shower and eye wash fountain should be readily available. To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910, 132 be conducted before using this product.

**Work/Hygienic Practices:** When using, do not eat, drink or smoke. Wash face and/or hands before break and end of work. To ensure ideal skin protection: use super fatted soaps and skin cream for skin care. Wash contaminated clothing before re-use.

<b>Section 7: Precautions for Safe Handling &amp; Use</b>
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- IN CASE OF SPILL:** Sweep up or vacuum up spillage and collect in suitable container for disposal.
- WASTE DISPOSAL:** Waste must be disposed of in accordance with federal, state and local regulations. Incineration is the preferred method.
- Other Precautions:** Obey relevant local, state, provincial and federal laws and regulations. Do not contaminate any lakes, streams, ponds, groundwater or soil.

**DOT**  
**Shipping Name:**  
**Liquid Cleaning Compound**  
**N.O.I**

**HAZARD INDEX**  
**Health:**  
**Flammability:**  
**Reactivity:**

**24 HOUR EMERGENCY NUMBER**  
**1-800-424-9300**

**KEEP OUT OF REACH OF CHILDREN!!!!**