



AIR TECHNIQUES

11403 Cronridge Drive
Owings Mills, Maryland
21117-2247

*Design and Manufacture of
Custom and Standard Test
Equipment for HEPA Filters,
Respiratory Protection and
NBC Defense*

Phone 410 . 363 . 9696
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ATI INDICATOR SILICA GEL MSDS

Section I – Chemical Product and Company Information

Company Name:
Air Techniques International
Revision Date:
09/04/2003

Product Name:
INDICATOR SILICA GEL
Preparation Date:
09/04/2003

Address: 11403 Cronridge Drive
Owings Mills, MD 21117-2247

Telephone: (410) 363-9696

Emergency Telephone Number: Chemtrec 1-800-424-9300

Section II – Composition/Information

Chemical	Concentration	Hazard data	CAS Number
Silica Gel (SiO ₂)	99%	Non Hazardous	112926-00-8
Phenolphthalein	100ppm	Hazardous	77-09-8

Section III - Physical/Chemical Characteristics

Boiling Point:
N/A

Vapor Pressure @ 20°C:
N/A

Vapor Density:
N/A

Water Solubility:
Insoluble

Appearance:
Yellow beads or Granules ph 4-8

Specific Gravity:
N/A

Melting Point:
1713 +60C

Evaporation Rate:
N/A

Bulk Density (g/m³):
700-800

Odor:
Odorless

Section IV - Fire & Explosion Data

Flash Point: N/A
Method Used: N/A

Flammable Limits: Non-flammable
UEL: N/A
LEL: N/A

Extinguisher Media: N/A
Special Firefighting Procedures: N/A
Unusual Fire and Explosion Hazards: N/A

Section V - Physical Hazards (Reactivity Data)

Stability: Stable X Unstable	Conditions to Avoid: N/A
Hazardous Polymerization: May occur Will not occur X	Conditions to Avoid: N/A
Hazardous Decomposition Products: N/A	

Section VI - Health Hazards

Route of Exposure
Inhalation ->
Skin Absorption: ->
Skin Contact: ->
Eye Contact: ->
Ingestion: ->

Signs and Symptoms of Exposure: N/A

Effects of Overexposure:
Acute Exposure: N/A
Chronic Exposure: N/A

Medical Conditions Aggravated by Exposure: N/A

Emergency and First Aid Procedures

Eyes: Flush with large amounts of cold water.
Skin: Wash affected area with soap and water.
Inhalation: If inhaled, move to fresh air, get medical attention for any difficulty breathing.
Ingestion: Administer plenty of water

Section VII – Safe Handling and Use

Spill Response: Sweep up

Waste Disposal: Comply with local regulations for non-hazardous chemical disposal

Section VIII - Special Protection Information and Control Method

Respiratory Protection:

NIOSH approved dust mask when working with powder.

Ventilation:

Natural ventilation

Protective Gloves:

Working gloves

Eye Protection:

N/A

Other Protective Clothing or Equipment:

N/A

Section X – Transportation and Shipping Requirements

DOT Shipping Name:

N/A

DOT Hazard Class:

Non-hazardous

DOT Identification Number:

Not applicable

DOT Packing Group:

Not applicable

Hazardous Waste:

None

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