

# MATERIAL SAFETY DATA SHEET

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<b>I. PRODUCT IDENTIFICATION: AIR SENTRY® Contamination Control Breathers</b>			
Company Name: <b>Fluid Protection Corporation</b>		Product Models: M-103, M-104, M-105, M-106, M-107	
Street: 930 Whitmore Drive		Date Prepared: September 2004	
City, State, Zip: Rockwall, TX 75087		Phone: 972-722-1415 FAX: 972-722-3253, e-mail: sales@airsentry.net	
<p>Fluid Protection Corporation does not manufacture any of the component parts of the products covered by this MSDS. These products are assembled from components provided by other manufacturers. This MSDS is a compilation of the MSDS data furnished by these manufacturers. All component parts of the products covered by this MSDS are classified Non-Hazardous under United States Department of Transportation Shipping Regulations. All components, and the completed products as assembled, may be disposed of in compliance with local non-hazardous chemical waste disposal regulations.</p> <p>Information presented herein has been compiled from sources considered to be dependable and reliable, and is accurate to the best of our knowledge and belief, but is not guaranteed to be so. Since conditions of use are beyond our control, we make no warranty, express or implied, except those that might be contained in our written contract of sale or acknowledgment.</p>			
<b>II. SUPPLIER PRODUCT IDENTIFICATION</b>			
Company Name: Kaltron-Pettibone		Product Name: Silica Gel, Gold Indicating	
Address: 1241 Ellis Street Bensenville, IL 60108		Date Prepared: 04/00	
Phone: 630-350-1116 FAX: 630-350-1606			
<b>II-a. INGREDIENTS</b>			
Material or Component: SiO <sub>2</sub> 99% Phenolphthalein 100 ppm		Hazard Data: Non-Hazard: CAS# 112926-00-8 Hazard: CAS# 77-09-08	
<b>II-b. PHYSICAL DATA</b>			
Boiling Point: n/a		Vapor Pressure (mm HG): n/a	
Specific Gravity: n/a		Melting Point: 1713 °C	
Vapor Density: n/a		Bulk Density: n/a	
Evaporation Rate: n/a			
Water Solubility: Insoluble		Appearance: Gold beads	
		Odor: Odorless	
<b>II-c. FIRE AND EXPLOSION HAZARD DATA</b>			
Flash Point: n/a		Flammable Limits: Non-flammable	
LEL: n/a		UEL: n/a	
Extinguishing Media: n/a		Special Fire Fighting Procedures: n/a	
		Unusual Fire & Explosion Hazard: n/a	
<b>II-d. HEALTH HAZARD INFORMATION</b>			
Routes of Exposure: Inhalation, Skin Contact, Skin Absorption, Eye Contact, Ingestion			
Effects of Overexposure (Acute and Chronic): n/a			
Medical Conditions Aggravated by Exposure: n/a			
Emergency and First Aid Procedure: Eyes: Flush with water		Skin: Wash with soap and water	
Inhalation: n/a		Ingestion: Administer plenty of water	
<b>II-e. REACTIVITY DATA</b>			
Stability: STABLE		Conditions to Avoid: n/a	
Hazardous Polymerization: Will Not Occur		Hazardous Decomposition Products: n/a	
<b>II-f. SPECIAL PROTECTION AND CONTROL METHODS</b>			
Respiratory: NIOSH approved mask if dust is present		Ventilation: Natural Ventilation	
Protective Gloves: Work gloves		Eye Protection: n/a	
		Other Protective Clothing & Equipment: n/a	

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## III. SUPPLIER PRODUCT IDENTIFICATION

Company Name: United States Steel Corp.	Product Name: Cold Rolled Carbon Steel
Address: 600 Grant Street Pittsburg, PA 15219	Phone: 412-433-6840
Date Prepared: 06/04	

### III-a. INGREDIENTS

Material or Component: Iron $\geq$ 96.0%	Hazard Data:	
Copper 0.6 max	Sulfur 0.3 max	Phosphorus 0.035 max
Carbon 0.7 max	Manganese 1.65 max	Silicon 0.6 max
Non-hazardous		

### III-b. PHYSICAL DATA

Boiling Point: n/a	Melting Point: 2750° F	Specific Gravity (water=1): 7.85
Vapor Density: n/a	Vapor Pressure: n/a	Evaporation Rate (Butyl Acetate = 1): n/a
Water Solubility: Insoluble	Appearance: Metallic Gray	Odor: Odorless

### III-c. FIRE AND EXPLOSION HAZARD DATA

Flash Point: n/a	Auto-ignition temp.: N/A	LEL: n/a	UEL: n/a
Unusual Hazards: None - Extinguishing Media: N/A Special Fire Fighting Procedures: N/A			

### III-d. HEALTH HAZARD INFORMATION

Exposure to high concentrations of dust or fume during welding, burning, melting, cutting, brazing, grinding, and possibly machining may produce immediate or delayed damage to lungs or other organs.

### III-e. REACTIVITY DATA

Stability: STABLE	Conditions to Avoid: n/a	Hazardous Decomposition Products: n/a
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### III-f. SPECIAL PROTECTION AND CONTROL METHODS

Respiratory:	Ventilation: Natural Ventilation	
Protective Gloves: N/A	Eye Protection: N/A	Other Protective Clothing & Equipment: N/A

## IV. SUPPLIER PRODUCT IDENTIFICATION

Company Name: Solberg Manufacturing	Product Name: Polyester Pleated Filter Cloth
Address: Phone: 630-773-1363 1151 W. Ardmore Avenue Itasca, IL 60143	FAX: 630-773-0727
Date Prepared: 09/04	

### IV-a. INGREDIENTS

Material or Component: Mixture of Lubricants, Emulsifiers, and Antistats	Hazard Data: Non-hazardous
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### IV-b. PHYSICAL DATA

Boiling Point: n/a	Vapor Pressure (mm HG): n/a	Specific Gravity: 1	Melting Point: 250 °C
Vapor Density: n/a	Bulk Density: n/a	Evaporation Rate: n/a	
Water Solubility: Insoluble	Appearance: White	Odor: Odorless	

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## IV-c. FIRE AND EXPLOSION HAZARD DATA

Flash Point: 375°C	Flammable Limits: Non-flammable	LEL: n/a	UEL: n/a
Extinguishing Media: Carbon Dioxide or Water Spray		Special Fire Fighting Procedures: None	
Unusual Fire & Explosion Hazard: None			

## IV-d. HEALTH HAZARD INFORMATION

Routes of Exposure:  
Swallowing: May cause nausea – Give Ipecac Syrup with 1-2 Glasses of Water  
Inhalation: Remove to Fresh Air  
Eyes: Rinse Eyes with Copious Amounts of Water – Call a Pysician  
Skin Contact: n/a  
Chronic Effects of Overexposure: None Known

## IV-e REACTIVITY DATA

Stability: STABLE      Conditions to Avoid: None      Hazardous Polymerization: Will Not Occur  
Hazardous Decomposition: Burning can produce phosperous oxides, Carbon Monoxide and/or Carbon Dioxide

## IV-f SPECIAL PROTECTION AND CONTROL METHODS

Respiratory: NIOSH approved mask if dust is present      Ventilation: Natural Ventilation  
Protective Gloves: Work gloves      Eye Protection: n/a      Other Protective Clothing & Equipment: n/a

## V. SUPPLIER PRODUCT IDENTIFICATION

Company Name: Ingrams Fabricated Filters	Product Name: Polyester Knit Filter Bag
Address: 1491 Thomas Delpit Drive Baton Rouge, LA 70802	Date Prepared: 09/04

## V-a. INGREDIENTS

Material or Component: Mixture of Lubricants, Emulsifiers, and Antistats	Hazard Data: Non-hazardous
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## V-b. PHYSICAL DATA

Boiling Point: n/a      Vapor Pressure (mm HG): n/a	Specific Gravity: 1      Melting Point: 250 °C
Vapor Density: n/a      Bulk Density: n/a	Evaporation Rate: n/a
Water Solubility: Insoluble      Appearance: White	Odor: Odorless

## V-c. FIRE AND EXPLOSION HAZARD DATA

Flash Point: 375°C	Flammable Limits: Non-flammable	LEL: n/a	UEL: n/a
Extinguishing Media: Carbon Dioxide or Water Spray		Special Fire Fighting Procedures: None	
Unusual Fire & Explosion Hazard: None			

## V-d. HEALTH HAZARD INFORMATION

Routes of Exposure:  
Swallowing: May cause nausea – Give Ipecac Syrup with 1-2 Glasses of Water  
Inhalation: Remove to Fresh Air  
Eyes: Rinse Eyes with Copious Amounts of Water – Call a Pysician  
Skin Contact: n/a  
Chronic Effects of Overexposure: None Known

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## V-e REACTIVITY DATA

Stability: STABLE      Conditions to Avoid: None      Hazardous Polymerization: Will Not Occur  
Hazardous Decomposition: Burning can produce phosphorous oxides, Carbon Monoxide and/or Carbon Dioxide

## V-f SPECIAL PROTECTION AND CONTROL METHODS

Respiratory: NIOSH approved mask if dust is present      Ventilation: Natural Ventilation  
Protective Gloves: Work gloves      Eye Protection: n/a      Other Protective Clothing & Equipment: n/a