

# MATERIAL SAFETY DATA SHEET

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## I. PRODUCT IDENTIFICATION: AIR SENTRY® Contamination Control Breathers

Company Name: <b>Fluid Protection Corporation</b>	Product Models: D-100, D-101, D-102, D-108, D-109 Z-131, Z-132, Z-133, Z-134, L-141, L-142, L-143, L-144
Street: 930 Whitmore Drive	Date Prepared: September 2001
City, State, Zip: Rockwall, TX 75087	Phone: 972-722-1415 FAX: 972-722-3253, e-mail: sales@airsentry.net

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.

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.

## II. SUPPLIER PRODUCT IDENTIFICATION

Company Name: Kaltron-Pettibone	Product Name: Silica Gel, Gold Indicating
Address: 1241 Ellis Street Bensenville, IL 60108	Phone: 630-350-1116 FAX: 630-350-1606
	Date Prepared: 04/00

### II-a. INGREDIENTS

Material or Component: SiO <sub>2</sub> 99% Phenolphthalein 100 ppm	Hazard Data: Non-Hazard: CAS# 112926-00-8 Hazard: CAS# 77-09-08
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### II-b. PHYSICAL DATA

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	

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

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	

### II-d. HEALTH HAZARD INFORMATION

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 Inhalation: n/a	Skin: Wash with soap and water Ingestion: Administer plenty of water

### II-e. REACTIVITY DATA

Stability: STABLE	Conditions to Avoid: n/a	Hazardous Decomposition Products: n/a
Hazardous Polymerization: Will Not Occur		

### II-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

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### III. SUPPLIER PRODUCT IDENTIFICATION

<b>Company Name:</b> Elf Atochem North America, Inc.	<b>Product Name:</b> High Impact Acrylic
<b>Address:</b> 2000 Market Street Philadelphia, PA 19103	<b>Phone:</b> 800-324-9300 <b>Date Prepared:</b> 12/98

#### III-a. INGREDIENTS

<b>Material or Component:</b> Acrylic copolymers                      99.5% Methyl methacrylate                      0.5%	<b>Hazard Data:</b> Non-hazardous CAS No. 80-62-6
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#### III-b. PHYSICAL DATA

<b>Boiling Point:</b> n/a	<b>Melting Point:</b> 132°C	<b>Specific Gravity (water=1):</b> 1.15 to 1.19
<b>Vapor Density:</b> n/a	<b>Vapor Pressure:</b> n/a	<b>Evaporation Rate (Butyl Acetate = 1):</b> n/a
<b>Water Solubility:</b> Insoluble	<b>Appearance:</b> Clear	<b>Odor:</b> Mild Odor

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

<b>Flash Point:</b> n/a	<b>Auto-ignition temp.:</b> 393°C	<b>LEL:</b> n/a	<b>UEL:</b> n/a
<b>Unusual Hazards:</b> Burns vigorously with intense heat - <b>Extinguishing Media:</b> Carbon Dioxide – dry chemical – water spray <b>Special Fire Fighting Procedures:</b> Wear self-contained breathing apparatus			

#### III-d. HEALTH HAZARD INFORMATION

**Routes of Exposure:** Inhalation, Eye Contact  
 Inhalation of monomer vapor from product heated to high temperatures (132°C) can cause: Irritation of Nose, Throat and Lungs - Move subject to fresh air.  
 Eye contact of monomer vapor from product heated to high temperatures (132°C) can cause: Irritation  
 Flush eyes with water. Consult a physician if irritation persists.

#### III-e. REACTIVITY DATA

**Stability:** STABLE                      **Conditions to Avoid:** n/a                      **Hazardous Decomposition Products:** n/a  
 Avoid temperatures above 260°C for prolonged periods to prevent slow decomposition.

#### III-f. SPECIAL PROTECTION AND CONTROL METHODS

**Respiratory:**    **Ventilation:** Natural Ventilation  
**Protective Gloves:** Work gloves                      **Eye Protection:** n/a                      **Other Protective Clothing & Equipment:** n/a

### IV. SUPPLIER PRODUCT IDENTIFICATION

<b>Company Name:</b> Lucky Chemical, Ltd.	<b>Product Name:</b> ABS Plastic (HI 121)
<b>Address:</b> 20 Yoido-Dong, Yoncduncpo-Cu Seoul 150-010 Korea	<b>Phone:</b> (02) 787-7327 <b>Date Prepared:</b> 07/92

#### IV-a. INGREDIENTS

<b>Material or Component:</b> Acrylonitrile Butadiene Styrene Copolymer	<b>Hazard Data:</b> Non-hazardous
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<b>SUPPLIER IV (Continued)</b>			
<b>IV-b PHYSICAL DATA</b>			
Boiling Point: n/a		Melting Point: 220°C	Specific Gravity (water=1): 1.04
Vapor Density: n/a	Vapor Pressure: n/a	Evaporation Rate (Butyl Acetate = 1): n/a	
Water Solubility: Insoluble		Appearance: Black	Odor: Mild Odor
<b>IV-c. FIRE AND EXPLOSION HAZARD DATA</b>			
Flash Point: n/a	Auto-ignition temp.: 390°C	LEL: n/a	UEL: n/a
Unusual Hazards: None - Extinguishing Media: Dry chemical – Foam – Water spray Special Fire Fighting Procedures: Wear self-contained breathing apparatus			
<b>IV-d. HEALTH HAZARD INFORMATION</b>			
No toxic symptoms			
<b>IV-e REACTIVITY DATA</b>			
Stability: STABLE	Conditions to Avoid: n/a	Hazardous Decomposition Products: n/a	
<b>IV-f SPECIAL PROTECTION AND CONTROL METHODS</b>			
Respiratory: n/a	Ventilation: Natural Ventilation		
Protective Gloves: n/a	Eye Protection: n/a	Other Protective Clothing & Equipment: n/a	

<b>V. SUPPLIER PRODUCT IDENTIFICATION</b>			
Company Name: IPS Corporation		Product Name: Weld-On 1802 Multi-Purpose Acrylic Plastic Cement	
Address: 17109 S. Main Gardena CA 90248	Phone: 310-366-3300	Date Prepared: 07/97	
<b>V-a. INGREDIENTS</b>			
Material or Component: Synthetic Resin Methyl Ethyl Ketone	35% 65%	Hazard Data: Non-hazardous CAS No. 78-93-3	
<b>V-b. PHYSICAL DATA</b>			
Boiling Point: n/a		Melting Point: 175°F	Specific Gravity (water=1): 0.890
Vapor Density & Vapor Pressure: n/a in cured form		Evaporation Rate: n/a in cured form	
Water Solubility: Insoluble		Appearance: Clear	Odor: Mild Ketone Odor
<b>V-c. FIRE AND EXPLOSION HAZARD DATA</b>			
Flash Point: n/a	Auto-ignition temp.: 280°F	LEL: n/a	UEL: n/a
Unusual Hazards: None - Extinguishing Media: Carbon Dioxide – dry chemical – water spray Special Fire Fighting Procedures: Wear self-contained breathing apparatus			
<b>V-d. HEALTH HAZARD INFORMATION</b>			
Routes of Exposure: Inhalation, Eye Contact Inhalation of vapor from product heated to high temperatures (175°F) can cause: Irritation of Nose, Throat and Lungs - Move subject to fresh air. Eye contact of vapor from product heated to high temperatures (175°F) can cause: Irritation Flush eyes with water. Consult a physician if irritation persists.			

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**SUPPLIER V (Continued)**

**V-e REACTIVITY DATA**

Stability: STABLE                      Conditions to Avoid: n/a                      Hazardous Decomposition Products: n/a

**V-f SPECIAL PROTECTION AND CONTROL METHODS**

Respiratory:    Ventilation: Natural Ventilation  
Protective Gloves: n/a                      Eye Protection: n/a                      Other Protective Clothing & Equipment: n/a

**VI. SUPPLIER PRODUCT IDENTIFICATION**

Company Name: Americo Manufacturing	Product Name: Natural Fiber Pad (Air Diffuser)
Address: 6224 North Main St. Acworth, GA 30101	Phone: 770-974-7000 Date Prepared: 08/99

**VI-a. HAZARDOUS INGREDIENTS**

Material or Component: None	Hazard Data:
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**VI-b. PHYSICAL DATA**

Boiling Point: n/a	Melting Point: 225°F	Specific Gravity (water=1): > 1
Vapor Density: n/a	Vapor Pressure: n/a	Evaporation Rate: n/a
Water Solubility: Negligible	Appearance: Beige	Odor: Odorless

**VI-c. FIRE AND EXPLOSION HAZARD DATA**

Flash Point: 250°F	Auto-ignition temp.: °C	LEL: n/a	UEL: n/a
Unusual Hazards: None - Extinguishing Media: Carbon Dioxide – dry chemical – water spray Special Fire Fighting Procedures: Wear self-contained breathing apparatus			

**VI-d. HEALTH HAZARD INFORMATION**

Routes of Exposure: Skin contact may cause irritation	
Chemical Listed as Carcinogen Or Potential Carcinogen: NO	National Toxicology Program: NO
Emergency and First Aid Procedures: n/a	

**VI-e REACTIVITY DATA**

Stability: STABLE    Medical Conditions Aggravated by Exposure: NONE

**VI-f SPECIAL PROTECTION AND CONTROL METHODS**

Respiratory: n/a    Ventilation: Natural Ventilation    Eye Protection: n/a  
Protective Gloves: n/a    Other Protective Clothing & Equipment: n/a

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<b>VII. SUPPLIER PRODUCT IDENTIFICATION</b>			
<b>Company Name:</b> Industrial Filter Fabrics		<b>Product Name:</b> Lurol (100% Polyester) Filter Cloth	
<b>Address:</b> Industrial Filter Fabrics 663 Woodward Avenue Hamilton, ON, Canada L8H 6P3		<b>Phone:</b> 905-549-9626 <b>FAX:</b> 905-547-7660	
		<b>Date Prepared:</b> 04/95	
<b>VII-a. INGREDIENTS</b>			
<b>Material or Component:</b> Mixture of Lubricants, Emulsifiers, and Antistats		<b>Hazard Data:</b> Non-hazardous	
<b>VII-b. PHYSICAL DATA</b>			
<b>Boiling Point:</b> n/a		<b>Vapor Pressure (mm HG):</b> n/a	
		<b>Specific Gravity:</b> 1	
		<b>Melting Point:</b> 250 °C	
<b>Vapor Density:</b> n/a		<b>Bulk Density:</b> n/a	
		<b>Evaporation Rate:</b> n/a	
<b>Water Solubility:</b> Insoluble		<b>Appearance:</b> White	
		<b>Odor:</b> Odorless	
<b>VII-c. FIRE AND EXPLOSION HAZARD DATA</b>			
<b>Flash Point:</b> 375°C		<b>Flammable Limits:</b> Non-flammable	
		<b>LEL:</b> n/a	
		<b>UEL:</b> n/a	
<b>Extinguishing Media:</b> Carbon Dioxide or Water Spray		<b>Special Fire Fighting Procedures:</b> None	
<b>Unusual Fire &amp; Explosion Hazard:</b> None			
<b>VII-d. HEALTH HAZARD INFORMATION</b>			
<b>Routes of Exposure:</b>			
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			
<b>Chronic Effects of Overexposure:</b> None Known			
<b>VII-e REACTIVITY DATA</b>			
<b>Stability:</b> STABLE		<b>Conditions to Avoid:</b> None	
		<b>Hazardous Polymerization:</b> Will Not Occur	
<b>Hazardous Decomposition:</b> Burning can produce phosperous oxides, Carbon Monoxide and/or Carbon Dioxide			
<b>VII-f SPECIAL PROTECTION AND CONTROL METHODS</b>			
<b>Respiratory:</b> NIOSH approved mask if dust is present		<b>Ventilation:</b> Natural Ventilation	
<b>Protective Gloves:</b> Work gloves		<b>Eye Protection:</b> n/a	
		<b>Other Protective Clothing &amp; Equipment:</b> n/a	