

MATERIAL SAFETY DATA SHEET

Page 1 of 7

I. PRODUCT IDENTIFICATION: AIR SENTRY® Contamination Control Breathers			
Company Name: Fluid Protection Corporation		Product Models: R-100, R-101, R-102, R-111, R-123	
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>			
II. SUPPLIER PRODUCT IDENTIFICATION			
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			
II-a. INGREDIENTS			
Material or Component: SiO ₂ 99% Phenolphthalein 100 ppm		Hazard Data: Non-Hazard: CAS# 112926-00-8 Hazard: CAS# 77-09-08	
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		Skin: Wash with soap and water	
Inhalation: n/a		Ingestion: Administer plenty of water	
II-e REACTIVITY DATA			
Stability: STABLE		Conditions to Avoid: n/a	
Hazardous Polymerization: Will Not Occur		Hazardous Decomposition Products: n/a	
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	

MATERIAL SAFETY DATA SHEET

AIR SENTRY[®] Breather models R-100, R-101, R-102, R-111, R-123

Page 2 of 7

III. SUPPLIER PRODUCT IDENTIFICATION							
Company Name: Elf Atochem North America, Inc.		Product Name: High Impact Acrylic					
Address: 2000 Market Street Philadelphia, PA 19103		Phone: 800-324-9300 Date Prepared: 12/98					
III-a. INGREDIENTS							
Material or Component: Acrylic copolymers Methyl methacrylate		99.5% 0.5%		Hazard Data: Non-hazardous CAS No. 80-62-6			
III-b. PHYSICAL DATA							
Boiling Point: n/a		Melting Point: 132°C		Specific Gravity (water=1): 1.15 to 1.19			
Vapor Density: n/a		Vapor Pressure: n/a		Evaporation Rate (Butyl Acetate = 1): n/a			
Water Solubility: Insoluble		Appearance: Clear		Odor: Mild Odor			
III-c. FIRE AND EXPLOSION HAZARD DATA							
Flash Point: n/a		Auto-ignition temp.: 393°C		LEL: n/a		UEL: n/a	
Unusual Hazards: Burns vigorously with intense heat - Extinguishing Media: Carbon Dioxide – dry chemical – water spray				Special Fire Fighting Procedures: 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							
Company Name: Lucky Chemical, Ltd.		Product Name: ABS Plastic (HI 121)					
Address: 20 Yoido-Dong, Yoncduncpo-Cu Seoul 150-010 Korea		Phone: (02) 787-7327 Date Prepared: 07/92					
IV-a. INGREDIENTS							
Material or Component: Acrylonitrile Butadiene Styrene Copolymer		Hazard Data: Non-hazardous					

MATERIAL SAFETY DATA SHEET

AIR SENTRY® Breather models R-100, R-101, R-102, R-111, R-123

Page 3 of 7

SUPPLIER IV (Continued)

IV-b PHYSICAL DATA

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

IV-c. FIRE AND EXPLOSION HAZARD DATA

Flash Point: n/a	Auto-ignition temp.: 390°C	LEL: n/a	UEL: n/a
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Unusual Hazards: None - Extinguishing Media: Dry chemical – Foam – Water spray
Special Fire Fighting Procedures: Wear self-contained breathing apparatus

IV-d. HEALTH HAZARD INFORMATION

No toxic symptoms

IV-e REACTIVITY DATA

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

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

V. SUPPLIER PRODUCT IDENTIFICATION

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

V-a. INGREDIENTS

Material or Component: Synthetic Resin Methyl Ethyl Ketone	35% 65%	Hazard Data: Non-hazardous CAS No. 78-93-3
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V-b. PHYSICAL DATA

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

V-c. FIRE AND EXPLOSION HAZARD DATA

Flash Point: n/a	Auto-ignition temp.: 280°F	LEL: n/a	UEL: n/a
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Unusual Hazards: None - Extinguishing Media: Carbon Dioxide – dry chemical – water spray
Special Fire Fighting Procedures: Wear self-contained breathing apparatus

V-d. HEALTH HAZARD INFORMATION

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.

MATERIAL SAFETY DATA SHEET

AIR SENTRY® Breather models R-100, R-101, R-102, R-111, R-123

Page 4 of 7

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
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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

MATERIAL SAFETY DATA SHEET

AIR SENTRY® Breather models R-100, R-101, R-102, R-111, R-123

Page 5 of 7

VII. SUPPLIER PRODUCT IDENTIFICATION

Company Name: Industrial Filter Fabrics	Product Name: Lurol (100% Polyester) Filter Cloth
Address: Industrial Filter Fabrics 663 Woodward Avenue Hamilton, ON, Canada L8H 6P3	Phone: 905-549-9626 FAX: 905-547-7660
Date Prepared: 04/95	

VII-a. INGREDIENTS

Material or Component: Mixture of Lubricants, Emulsifiers, and Antistats	Hazard Data: Non-hazardous
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VII-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	

VII-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			

VII-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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VII-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		

VII-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

VIII. SUPPLIER PRODUCT IDENTIFICATION

Company Name: Samuel, Son & Co. Ltd,	Product Name: Aluminum, Series 316, Plate
Address: 2360 Dixie Road Mississauga, Ontario, Canada L4Y 1Z7	Phone: 905-279-5460
Date Prepared: 09/04	

MATERIAL SAFETY DATA SHEET

AIR SENTRY® Breather models R-100, R-101, R-102, R-111, R-123

Page 6 of 7

VIII-a. HAZARDOUS INGREDIENTS

Material or Component:	C.A.S. #	Hazard Data:
Aluminum	90-99.7 % 7429-90-5	Oxide Fume, Dust, Titanium Dioxide Fume
Chromium	≤ 0.4	
Metal Copper	≤ 6.0	
Iron	≤ 1.0	
Magnesium	≤ 0.3	
Manganese	≤ 1.5	
Silicon	≤ 0.2	
Titanium	≤ 0.2	
Zinc	≤ 6.1	
Bismuth	≤ 0.7	
Boron	≤ .06	
Lead	≤ 0.7	
Vandium	≤ .05	

VIII-b. PHYSICAL DATA

Boiling Point: n/a	Melting Point: 660°C	Specific Gravity (water=1): > 2.5
Vapor Density: n/a	Vapor Pressure: n/a	Evaporation Rate: n/a
Water Solubility: Negligible	Appearance: Silver Gray	Odor: Odorless

VIII-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: Dry Powder or Sand			
Special Fire Fighting Procedure: Do not use water or Halogen			

VIII-d. HEALTH HAZARD INFORMATION

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

VIII-e. REACTIVITY DATA

Stability: STABLE	Medical Conditions Aggravated by Exposure: NONE
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VIII-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	

MATERIAL SAFETY DATA SHEET

AIR SENTRY® Breather models R-100, R-101, R-102, R-111, R-123

Page 7 of 7

IX. SUPPLIER PRODUCT IDENTIFICATION			
Company Name: D.S. Brown Company		Product Name: Neoprene Gasket and O-Ring	
Address: 300 East Cherry Street Phone: 419-257-3561 North Baltimore, OH 45872		Date Prepared: 09/04	
IX-a. HAZARDOUS INGREDIENTS			
Material or Component: Neoprene 99.0% Carbon Black ≤ 0.5 Accelerators ≤ 0.1 Oils ≤ 0.5		Hazard Data: None	
IX-b. PHYSICAL DATA			
Boiling Point: n/a	Melting Point: n/a	Specific Gravity (water=1): > 1.4	
Vapor Density: n/a	Vapor Pressure: n/a	Evaporation Rate: n/a	
Water Solubility: Negligible	Appearance: Black, rubber like		Odor: Odorless
IX-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: Water, Carbon Dioxide Special Fire Fighting Procedure: Self contained breathing apparatus			
IX-d. HEALTH HAZARD INFORMATION			
Routes of Exposure: No health hazards exist for the product in the ambient state			
Chemical Listed as Carcinogen Or Potential Carcinogen: NO		National Toxicology Program: NO	
Emergency and First Aid Procedures: n/a			
IX-e. REACTIVITY DATA			
Stability: STABLE		Medical Conditions Aggravated by Exposure: NONE	
IX-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		