

MATERIAL SAFETY DATA SHEET

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| I. PRODUCT IDENTIFICATION: AIR SENTRY® Contamination Control Breathers | | | |
| Company Name: Fluid Protection Corporation | | Product Models: X-100, X-101, X-102, X-121, X-122 | |
| 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 | |

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| 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 | | | | | |

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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

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

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 Phone: 310-366-3300 Date Prepared: 07/97
Gardena CA 90248

V-a. INGREDIENTS

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

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

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.

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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: |
|--------------------------------|--------------|

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

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|--|---------------------------------|
| 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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VII. SUPPLIER PRODUCT IDENTIFICATION

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

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| 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: Watts Ocean | Product Name: Polyoxymethylene Copolymer (check valve) |
| Address: Kollergang 14, 6961 LZ Eerbeek Postbus 98, 6960 AB Eerbeek, HOLLAND Phone: 313 659028 FAX: 313 652073 | Date Prepared: 09/04 |

VIII-a. INGREDIENTS

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|---|--|
| Material or Component: Polyoxymethylene Copolymer – Molded Plastic Check Valves Concentration ≥ 99.0% | Hazard Data: Non-hazardous CAS # 25241-85-1 |
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VIII-b. PHYSICAL DATA

| | | | |
|-----------------------------|-----------------------------|------------------------|-----------------------|
| Boiling Point: n/a | Vapor Pressure (mm HG): n/a | Specific Gravity: 1.42 | Melting Point: 160 °C |
| Vapor Density: n/a | Bulk Density: n/a | Evaporation Rate: n/a | |
| Water Solubility: Insoluble | Appearance: White | Odor: Odorless | |

VIII-c. FIRE AND EXPLOSION HAZARD DATA

| | | | |
|--|---|--|----------|
| Flash Point: 320°C | Hazardous combustion products: Formaldehyde may be released when Exposed to excessive heat or fire. | LEL: n/a | UEL: n/a |
| Extinguishing Media: Carbon Dioxide or Water Spray | Unusual Fire & Explosion Hazard: None | Special Fire Fighting Procedures: Use self-contained breathing apparatus | |

VIII-d. HEALTH HAZARD INFORMATION

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| Routes of Exposure: Molten material causes thermal burns; obtain medical attention; do not attempt to peel material from skin Inhalation of fumes from molten material: Remove to Fresh Air Eyes: Rinse Eyes with Copious Amounts of Water – Call a Pysician Chronic Effects of Overexposure: None Known |
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VIII-e REACTIVITY DATA

| | | |
|---|---------------------------|--|
| Stability: STABLE | Conditions to Avoid: None | Hazardous Polymerization: Will Not Occur |
| Hazardous Decomposition: Burning can produce Formaldehyde | | |

VIII-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 |