



# MATERIAL SAFETY DATA SHEET

<b>III. SUPPLIER PRODUCT IDENTIFICATION</b>			
<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> 01/11	
<b>III-a. INGREDIENTS</b>			
<b>Material or Component:</b> Acrylic copolymers                      99.5% Methyl methacrylate                      0.5%		<b>Hazard Data:</b> Non-hazardous CAS No. 80-62-6	
<b>III-b. PHYSICAL DATA</b>			
<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
<b>III-c. FIRE AND EXPLOSION HAZARD DATA</b>			
<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			
<b>III-d. HEALTH HAZARD INFORMATION</b>			
<b>Routes of Exposure:</b> 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.			
<b>III-e REACTIVITY DATA</b>			
<b>Stability:</b> STABLE		<b>Conditions to Avoid:</b> n/a	<b>Hazardous Decomposition Products:</b> n/a
Avoid temperatures above 260°C for prolonged periods to prevent slow decomposition.			
<b>III-f SPECIAL PROTECTION AND CONTROL METHODS</b>			
<b>Respiratory:</b>		<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

<b>IV. SUPPLIER PRODUCT IDENTIFICATION</b>			
<b>Company Name:</b> Lucky Chemical, Ltd.		<b>Product Name:</b> ABS Plastic (HI 121)	
<b>Address:</b> 20 Yoido-Dong, Yoncdunepo-Cu Seoul 150-010 Korea		<b>Phone:</b> (02) 787-7327	
		<b>Date Prepared:</b> 09/09	
<b>IV-a. INGREDIENTS</b>			
<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: 01/11
<b>V-a. INGREDIENTS</b>			
Material or Component: Synthetic Resin                      35% Methyl Ethyl Ketone                      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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<b>SUPPLIER V (Continued)</b>		
<b>V-e REACTIVITY DATA</b>		
Stability: STABLE	Conditions to Avoid: n/a	Hazardous Decomposition Products: n/a
<b>V-f SPECIAL PROTECTION AND CONTROL METHODS</b>		
Respiratory:	Ventilation: Natural Ventilation	
Protective Gloves: n/a	Eye Protection: n/a	Other Protective Clothing & Equipment: n/a

<b>VI. SUPPLIER PRODUCT IDENTIFICATION</b>			
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: 01/11	
<b>VI-a. HAZARDOUS INGREDIENTS</b>			
Material or Component: None		Hazard Data:	
<b>VI-b. PHYSICAL DATA</b>			
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
<b>VI-c. FIRE AND EXPLOSION HAZARD DATA</b>			
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			
<b>VI-d. HEALTH HAZARD INFORMATION</b>			
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			
<b>VI-e REACTIVITY DATA</b>			
Stability: STABLE		Medical Conditions Aggravated by Exposure: NONE	
<b>VI-f SPECIAL PROTECTION AND CONTROL METHODS</b>			
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> 01/11	
<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 Physician			
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 phosphorous 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	