

MATERIAL SAFETY DATA SHEET

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I. PRODUCT IDENTIFICATION: HYDAC - DRYMICRON			
Company Name: HYDAC Technology Corporation		Product Models: BD Series Drymicron Breathers	
Street: 2260 City Line Road		Date Prepared: September 2001	
City, State, Zip: Bethlehem, Pa, 18017		Phone: 610-264-9503	
<p>HYDAC TECHNOLOGY CORP. 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		Phone: 630-350-1116 FAX: 630-350-1606	Date Prepared: 04/00
II-a. INGREDIENTS			
Material or Component: SiO₂ 98.2% 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	
Vapor Density: n/a		Specific Gravity: n/a	
Bulk Density: n/a		Melting Point: 1713 °C	
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: Flush with water	
Inhalation: n/a		Ingestion: Administer plenty of water	
II-e REACTIVITY DATA			
Stability: STABLE		Conditions to Avoid: n/a	
Hazardous Polymerization: Not known		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 99.5% Methyl methacrylate 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, Yoncdunepo-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 Gardena CA 90248	Phone: 310-366-3300	Date Prepared: 07/97	
V-a. INGREDIENTS			
Material or Component: Synthetic Resin 35% Methyl Ethyl Ketone 65%		Hazard Data: Non-hazardous CAS No. 78-93-3	
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: Formaldehyde: Trace amount		Hazard Data: CAS No. 50-00-0	
VI-b. PHYSICAL DATA			
Boiling Point: n/a		Melting Point: 2225°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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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	
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			
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	