

# MATERIAL SAFETY DATA SHEET

POLYFOAM PRODUCTS, INC.  
P.O. BOX 1539  
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**FOR CHEMICAL EMERGENCY \* SPILL \* LEAK \* FIRE \* EXPOSURE \* ACCIDENT \* CALL CHEMTREC - DAY OR NIGHT (800) 424-9300**  
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## \* SECTION I - PRODUCT INFORMATION \*

Manufacturer's name: Polyfoam Products, Inc. Phone No.: (281) 350-8888  
Product code number: **POLYPRO® ProPack® B COMPONENT** Chemical formula: Complex mixture - polyurethane system resin  
C.A.S. Number: N/A E.P.A. Number: N/A  
Date Prepared: October 17, 1989 Date Revised: February 4, 2003

## \* SECTION II - INGREDIENTS \*

<u>COMPONENT</u>	<u>CAS NO.</u>	<u>%</u>	<u>PEL/TLV- SOURCE</u>
POLYPRO® AH160 "B"	Mixture	100	Not Established
Component			
<b>**Proprietary Mixture**</b>	N/A		
Polyol Blend	N/A		
Polysiloxane (mixture)	N/A	<2	Not Established
Catalyst	N/A	<3	Not Established
Water	7732-18-5	<10	Not Established
Halogenated Hydrocarbon	75-45-6	<25	1000 PPM
Halogenated Hydrocarbon	1717-00-6	<15	500 PPM

## \* SECTION III - PHYSICAL/ CHEMICAL CHARACTERISTICS \*

Appearance: Liquid and gases under pressure  
Color: Light Yellow Clear  
Odor: Aromatic  
Solubility: Slight - Boiling Point: <0°F - Melt Point: N/A  
Specific Gravity: 1.1 Vapor Density: >1 % Volatile: <25  
Vapor Pressure: 2500 mm Hg

## \* SECTION IV - FIRE AND EXPLOSION HAZARD DATA \*

**FLASH POINT (METHOD):** 425°F (PMCC) **Flammable Limits (LFL/UFL) N.D.**  
**EXTINGUISHING MEDIA:** Water, CO2, Chemical Foam  
**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus to avoid inhalation of toxic thermal decomposition products. Keep container cool.  
**UNUSUAL FIRE AND EXPLOSIVE HAZARDS:** Decomposition under conditions of high temperatures results in the generation of hazardous gases.

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## \* SECTION V - REACTIVITY DATA \*

**STABILITY:** Stable, avoid temperatures above the boiling point of 1,1 DICHLORO-1-FLUORETHANE (HCFC-141b) 90°F due to loss of HCFC and pressure buildup in closed containers

**INCOMPATIBILITY ( MATERIALS TO AVOID):** Isocyanates, Strong Oxidizers, Strong Acids, and Alkali or alkaline earth metals. (Aluminum, zinc, beryllium, copper, brass)

**HAZARDOUS POLYMERIZATION:** Will not occur

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition products include carbon monoxide, carbon dioxide, nitrous oxides, and other compounds.

## \* SECTION VI - HEALTH HAZARD DATA \*

**ROUTES OF ENTRY: Inhalation - HCFC-141b** vapors are heavier than air. Dense vapor displaces breathing air in confined or unventilated areas. Breathing high concentrations may cause light-headedness, unconsciousness or death due to asphyxiation. The components are irritating to the upper respiratory tract and nasal passages.

**Eyes** - Causes irritation upon contact and possible corneal damage. Symptoms include burning, tearing and blurring of vision.

**Skin** - Contact with the skin may lead to rash and swelling on the affected area.

**Ingestion** - none reported

**MATERIAL IN COMPOSITION IS AN :** Acute **X** Chronic **X** health hazard.

**CARCINOGENCY:** None of the components of this product are known to be carcinogenic in nature.

### **EMERGENCY & FIRST AID PROCEDURES**

**EYE CONTACT:** Flush with running water for at least 15 minutes. Contact a physician if irritation persists.

**SKIN CONTACT:** Wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse.

**INHALATION:** Remove to fresh air. If breathing is difficult, contact a physician. **HCFC-141b** increases the sensitivity of the heart to adrenalin, possibly resulting in rapid heartbeat, irregular heartbeat, and depression of cardiac function. Do not give stimulants.

**INGESTION:** If ingested, induce vomiting and call a physician at once.

### **EMPLOYEE PROTECTION RECOMMENDATIONS**

**EYE PROTECTION:** Chemical safety goggles or full face shield.

**GLOVES:** Chemical safety gloves

**RESPIRATORY PROTECTION:** For use where contained breathing apparatus should be used.

**VENTILATION:** Provide general and/or local exhaust ventilation to remove vapors to a level below the TLV.

## \* SECTION VII - SPILL OR LEAK PROCEDURES \*

**STEPS TO TAKE IN THE EVENT OF SPILL:** Avoid breathing of vapors present, wear air supplied breathing apparatus. Contain spill and absorb with material such as sand, sweeping material, or diatomaceous earth. Place material in suitable container for disposal in a licensed facility. Wash affected area with water after removal of absorbent.

**WASTE DISPOSAL METHOD:** Incinerate or bury in an approved landfill in compliance with all applicable federal, state and local environmental control regulations.

### **SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III:**

Section 302 - Extremely hazardous substances: NONE

Section 313 - Toxic Chemicals: NONE

## \* SECTION VIII - SPECIAL PRECAUTIONS AND STORAGE DATA \*

**STORAGE TEMPERATURE: MINIMUM:** 7°C (45°F) **MAXIMUM:** 32°C (90°F)

**AVERAGE SHELF LIFE:** 6 Months

**PRECAUTIONS IN HANDLING AND STORAGE:** Contents under pressure. Material is hygroscopic, keep containers tightly closed to avoid contamination. Avoid breathing vapors if present. Avoid eye and skin contact. Employee education and training in the safe handling of this product is required under OSHA guidelines.

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**\* SECTION XI - SHIPPING DATA \***

**D.O.T. Shipping name: Compressed Gas N.O.S. (Chlorodiflouromethane Mixture)**  
**D.O.T. Hazard Class: 2.2**  
**D.O.T. Labels Required: Non-Flammable Gas**  
**Bill of Lading Description: Compressed Gas N.O.S. (Chlorodiflouromethane Mixture) 2.2**  
**UN1956**

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**Prepared By : Steve Schultz** **Date: February 4, 2003**

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