

POLYFOAM PRODUCTS, INC.
THIS MATERIAL SAFETY DATA SHEET PROVIDED AS A GUIDE TO THE USER
PLEASE READ ENTIRE MSDS BEFORE USING THIS PRODUCT
PLEASE CONTACT THE TECHNICAL ASSISTANCE NUMBER FOR ANY ADDITIONAL INFORMATION

Product Name:

POLYPRO® FROTH FRF-B

THIS MATERIAL IS EITHER MANUFACTURED BY AND OR DISTRIBUTED BY:

Polyfoam Products, Inc.
11715 Boudreaux Road
Tomball, TX 77375

Ph - 281 350 8888

REVISION DATE: MARCH 2, 2006

24 HOUR EMERGENCY RESPONSE: CALL CHEMTREC 800 424 9300

SECTION I IDENTIFICATION

PRODUCT NAME: POLYPRO® FROTH FRF-B

CHEMICAL FAMILY: POLYOL MIXTURE

FORMULA CONFIDENTIAL: Contact Manufacturer for confidential release of information.

SECTION II— HAZARDOUS INGREDIENTS COMPOSITION

HAZARDOUS INGREDIENT	CAS NUMBER	PEL	PERCENT
POLYOL MIXTURE (BLEND)	TRADE SECRET	N/A	>70
HFC-134A	811-97-2	1000PPM WEEL TWA	<30
Polyalkyleneoxide- methylsiloxane Copolymer	TRADE SECRET		<10
CATALYST	TRADE SECRET	N/A	<10

POLYFOAM PRODUCTS, INC.

THIS MATERIAL SAFETY DATA SHEET PROVIDED AS A GUIDE TO THE USER

PLEASE READ ENTIRE MSDS BEFORE USING THIS PRODUCT

PLEASE CONTACT THE TECHNICAL ASSISTANCE NUMBER FOR ANY ADDITIONAL INFORMATION

SECTION III – HAZARD - PHYSICAL DATA -

APPEARANCE: Liquid and gas under pressure
PHYSICAL FORM: LIQUID **COLOR:** Light Yellow
BOILING POINT: <0° F
VAPOR PRESSURE 85.7 PSIG @ 70°F
SPECIFIC GRAVITY: 1.1 @ 25°C
SOLUBILITY IN WATER Slight to moderately soluble.
% VOLATILES BY VOLUME <30

SECTION IV – FIRST AID

EYES: FLUSH IMMEDIATELY WITH WATER OR EYE WASH SOLUTION FOR 15 MINUTES. CONTACT WITH EYES MAY CAUSE MODERATE IRRITATION. GET MEDICAL ATTENTION IMMEDIATELY.

SKIN: WASH OFF IMMEDIATELY WITH SOAP AND WATER. WASH ALL CONTAMINATED CLOTHING AND SHOES BEFORE RE-USE.

INHALATION: MOVE TO AREA FREE FROM RISK OF FURTHER EXPOSURE. IF BREATHING IS DIFFICULT, SEEK MEDICAL ATTENTION.

INGESTION: IF INGESTED INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

SECTION V – FIRE AND EXPLOSION DATA

FLASHPOINT: >325 DEG F
AUTOIGNITION TEMPERATURE NOT DETERMINED
EXTINGUISHING MEDIA: WATER, CO2, CHEMICAL FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS:

CONTAINERS ARE EQUIPPED WITH A PRESSURE RELIEF VALVE INTENDED TO VENT ANY EXCESSIVE BUILD UP OF PRESSURE EXERTED BY GASES GENERATED BY HEAT, THERMAL DECOMPOSITION OR COMBUSTION.

KEEP EXPOSED CONTAINERS COOLED WITH WATER SPRAY.

KEEP UNNECESSARY PEOPLE AWAY.

FIRE FIGHTING EQUIPMENT: POSITIVE PRESSURE SCBA'S - FULL PROTECTIVE CHEMICAL OR FIRE FIGHTING CLOTHING SHOULD BE WORN BY FIREFIGHTERS.

POLYFOAM PRODUCTS, INC.

THIS MATERIAL SAFETY DATA SHEET PROVIDED AS A GUIDE TO THE USER

PLEASE READ ENTIRE MSDS BEFORE USING THIS PRODUCT

PLEASE CONTACT THE TECHNICAL ASSISTANCE NUMBER FOR ANY ADDITIONAL INFORMATION

SECTION VI ACCIDENTAL RELEASE MEASURES

PERSONS DEALING WITH MAJOR SPILLS SHOULD WEAR FULL PROTECTIVE CLOTHING INCLUDING APPROPRIATE RESPIRATORY PROTECTION. EVACUATE THE AREA. PREVENT FURTHER LEAKAGE SPILLAGE OR ENTRY INTO DRAINS.

CONTAIN AND ABSORB LARGE SPILLAGES ONTO AN INERT, NON FLAMMABLE ABSORBENT CARRIER SUCH AS EARTH, SAND OR CLAY ABSORBENT. SHOVEL ABSORBED MATERIAL INTO OPEN TOP DRUMS OR PLASTIC BAGS FOR DISPOSAL IN ACCORDANCE WITH LOCAL REGULATIONS. WASH SPILLAGE ARE WITH SOAP AND WATER. PROPERLY DISPOSE OF RESIDUES.

SECTION VII – HANDLING – STORAGE - REACTIVITY DATA

STORAGE TEMPERATURE (MIN/MAX) 60°F TO 100°F

AVERAGE SHELF LIFE: 12 MONTHS

SPECIAL SENSITIVITY: IF CONTAINER IS EXPOSED TO HIGH HEAT 400°F OR HIGHER, PRESSURE CAN BE GENERATED. CONTAINERS ARE EQUIPPED WITH A PRESSURE RELIEF VALVE INTENDED TO VENT ANY EXCESSIVE BUILDUP OF PRESSURE EXERTED BY GASES GENERATED BY HEAT.

PRECAUTIONARY MEASURES: STORE IN TIGHTLY CLOSED CONTAINERS. AVOID CONTACT WITH SKIN AND EYES. DO NOT BREATH AEROSOLS OR VAPORS.

SECTION VIII – EXPOSURE - HEALTH DATA – PERSONAL PROTECTION

LIKELY ROUTES OF EXPOSURE – EYE – SKIN – INHALATION

FOR EYES – LIQUID CHEMICAL GOGGLES OR FULL FACE SHIELD. VAPOR RESISTANT GOGGLES SHOULD BE WORN WHEN CONTACT LENSES ARE IN USE. IN A SPLASH HAZARD ENVIRONMENT, CHEMICAL GOGGLES SHOULD BE USED ALONG WITH A FULL FACE SHIELD.

FOR SKIN – PERMEATION RESISTANT GLOVES (BUTYL RUBBER, NITRILE RUBBER). COVER AS MUCH OF THE EXPOSED SKIN AREA AS POSSIBLE WITH APPROPRIATE CLOTHING.

RESPIRATORY PROTECTION: IF MATERIAL IS HEATED OR SPRAYED, USE AN AIR PURIFYING RESPIRATOR

POLYFOAM PRODUCTS, INC.

THIS MATERIAL SAFETY DATA SHEET PROVIDED AS A GUIDE TO THE USER

PLEASE READ ENTIRE MSDS BEFORE USING THIS PRODUCT

PLEASE CONTACT THE TECHNICAL ASSISTANCE NUMBER FOR ANY ADDITIONAL INFORMATION

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

FORM: LIQUID AND GAS UNDER PRESSURE. LIQUID WILL BECOME FOAMY IF RELEASED FROM CONTAINER.

ODOR: SLIGHT SWEET ODOR

SOLUBILITY IN WATER: SLIGHT TO MODERATE SOLUBILITY.

SPECIFIC GRAVITY: 1.10 @ 77°F

VISCOSITY: 150 CPS @ 77°F

% VOLATILES: <30%

SECTION X – STABILITY AND REACTIVITY

STABILITY: STABLE AT AMBIENT TEMPERATURES

CONDITIONS TO AVOID: HIGH TEMPERATURES OR FREEZING

INCOMPATIBILITY: INCOMPATIBLE WITH ISOCYANATES, STRONG ACIDS OR OXIDIZING MATERIALS.

HAZARDOUS DECOMPOSITION:

MAY PRODUCES CARBON MONOXIDE, CARBON DIOXIDE, AND OTHER ASPHYXIANTS

SECTION XI – TOXICOLOGICAL INFORMATION

MIXTURE CONTAINS HFC 134A

EXPOSURE GUIDELINES FOR HFC 134A:

ACGIH WEEL TWA 1000 PPM

OSHA PEL NONE ESTABLISHED

SECTION XII – ECOLOGICAL INFORMATION

IT IS UNLIKELY THAT SIGNIFICANT ENVIRONMENTAL EXPOSURE IN THE AIR OR WATER WILL ARISE BASED ON CONSIDERATION OF THE USE OF THIS SUBSTANCE.

THIS MATERIAL IS SLIGHTLY TO MODERATELY SOLUBLE WITH WATER.

POLYFOAM PRODUCTS, INC.

THIS MATERIAL SAFETY DATA SHEET PROVIDED AS A GUIDE TO THE USER

PLEASE READ ENTIRE MSDS BEFORE USING THIS PRODUCT

PLEASE CONTACT THE TECHNICAL ASSISTANCE NUMBER FOR ANY ADDITIONAL INFORMATION

SECTION XIII - DISPOSAL INFORMATION

DO NOT DUMP INTO ANY SEWRS, ON THE GROUND OR INTO ANY BODY OF WATER. FOR UNUSED AND CONTAMINATED PRODUCT, THE PREFERRED OPTIONS INCLUDE SENDING TO A LICENSED, PERMITTED RECYCLER, RECLAIMER, INCINERATOR OR OTHER THERMAL DESTRUCTIVE DEVICE.

SECTION XIV - TRANSPORTATION INFORMATION

UN OR ID NUMBER: UN 1956
BILL OF LADING DESCRIPTION: COMPRESSED GAS N.O.S.
TETRAFLUOROETHANE MIXTURE
PROPER SHIPPING NAME: COMPRESSED GAS N.O.S.
HAZARD CLASS: CLASS 2.2
TRADE NAME: POLYPRO® FROTH FRF-B

SECTION XV - REGULATORY INFORMATION

THIS PRODUCT IS NOT CLASSIFIED AS HAZARDOUS UNDER OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

TSCA INVENTORY: ALL INGREDIENTS ARE ON THE TSCA INVENTORY OR ARE NOT REQUIRED TO BE LISTED ON THE TSCA INVENTORY.

EPCRA SECTION 313: THIS PRODUCT CONTAINS NO CHEMICAL SUBJECT TO SARA TITLE III SECTION 313 SUPPLIER NOTIFICATION REQUIREMENTS.

SECTION XVI OTHER

NFPA: HEALTH=1 FIRE=1 REACTIVITY=0

THIS DOCUMENT PREPARED BY:

PATRICK M. DONAHUE
PRODUCT MANAGER

DATE PREPARED: 3/2/2006