

PolySolv

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M A T E R I A L S A F E T Y D A T A S H E E T

1. IDENTIFICATION

Chemical Product

PolySolv

Marketer

POLYFOAM PRODUCTS, INC.
P.O. 1539
Tomball, TX 77375

Manufacturer

FOMO PRODUCTS, INC.
P.O. 1078
Norton, OH 44203

Emergency Overview

Product Information: 1-800-774-3626. In Texas and outside the United States call (281) 350-8888
Transportation Emergency: CHEMTREC 1-800-424-9300.
PolySolv is registered by the marketer, POLYFOAM PRODUCTS, INC.
International Transportation Emergency: CHEMTREC (703) 527-3887

Product is a pressurized, flammable organic solvent. Containers should not be heated above 120°F (49°C) to avoid excessive pressure build-up. In case of health emergency, contact your local poison control center.

(Note: See Section 3 for important inhalation hazard information.)

2. COMPOSITION (Hazardous Components)

<u>Chemical Name (common names)</u>	<u>CAS Number</u>	<u>Percentage</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
Carbon Dioxide (Compressed Gas)	124-38-9	5 to 10 Percent	NA	NA
Acetone	67-64-1	60 to 100 Percent	NA	NA

(Note: See Section 8 of this MSDS for Exposure Guidelines)

3. HAZARDS IDENTIFICATION

Physical Hazards

Since the containers are pressurized, storage temperature should not exceed 120°F (49°C) in order to avoid excessive pressure build-up and possible container rupture. Due to high flammability, never use near sparks, open flames or other sources of ignition.

Potential Health Effects

The primary adverse health effects of this material are related to an acute or chronic over exposure to Acetone. This material can be harmful or fatal if inhaled or ingested. Adequate ventilation should be provided to avoid exceeding the exposure limits of this material (See Section 8).

Entry Route: Effects of Overexposure

Inhalation: Repeated and prolonged exposure to organic solvents at or above levels producing beginning anesthetic effects, such as dizziness or lightheadedness, may cause physiological injury and should be avoided. Exposure to extremely high vapor concentrations can cause death. May irritate respiratory tract.

Skin: May be mildly irritating to skin. Continued exposure may lead to dermatitis condition, or drying of skin.

Eyes: Liquids and vapors are an irritant to the eyes, causing pain, lacrimation and general inflammation.

Ingestion: May cause central nervous system depression. May cause irritation of mucous membranes with vomiting. If vomiting results in aspiration, chemical pneumonia could follow.

4. FIRST AID

Inhalation: Move to area of fresh air. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

Eye Contact: Flush with clean water for at least 15 minutes and obtain medical attention.

Skin Contact: Wash affected area thoroughly with mild soap and water. Afterwards, a mild skin cream may be applied to irritated skin. If irritation persists, obtain medical attention.

Ingestion: Drink 1 to 3 glasses of water and seek immediate medical attention. Never give anything orally to an unconscious person.

5. FIRE FIGHTING MEASURES

High temperatures will raise the pressure in the containers, which may lead to rupturing. Product is extremely flammable. Extinguishing media include: dry chemical, carbon dioxide, Halon 1211, chemical foam, or water spray if used in large quantities. Wear self contained breathing apparatus to protect against toxic decomposition by-products, including CO and CO₂.

6. ACCIDENTAL RELEASE MEASURES/DISPOSAL CONSIDERATIONS

Provide ventilation and isolate area. Absorb spill with sawdust or vermiculite. Wash spill area, preventing run-off to drains, sewers, or waterways. Dispose of in accordance with all applicable federal, state, and local regulations. Materials used in cleaning up spill may be considered hazardous waste.

Before disposing of product container, relieve all remaining pressure and cleaning agent.

7. HANDLING AND STORAGE

Store in a cool, dry place. Ideal storage temperature is 60°F to 80°F (15.5°C to 26.6°C). Protect containers from physical abuse. Protect unused product from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Read all product instructions before using. Personal protective equipment should include (impervious gloves, protective eye wear and suitable work clothes). Adequate ventilation should also be employed so that vapor levels do not exceed recommended guidelines. If vapor levels are expected to exceed these guidelines, use a NIOSH approved self-contained breathing apparatus or a negative pressure half mask with organic vapor cartridges and dust/mist pre-filters. Exercise good personal hygiene, wash thoroughly after each use.

<u>Exposure Guidelines</u>	<u>OSHA</u>	<u>ACGIH</u>
Acetone	750 ppm (PEL)	500 ppm TWA
Carbon Dioxide	1000 ppm	5000 ppm

(None of the components in this material are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance	:	Clear, thin mobile liquid
Odor	:	Solvent odor
Specific Gravity	:	0.8 (H ₂ O = 1)
Boiling Point	:	133°F to 396°F (56°C to 202°C)
Flash Point	:	Based on Acetone 0°F (-18°C) (TCC)
Vapor Pressure	:	Container is under pressure (greater than 50 psig (345 kPa) liquid vapor pressure approximately 125 mm Hg at 25°C (77°F).
Solubility in Water	:	Negligible
Explosion Data	:	Contents are not proven to be sensitive to mechanical impact.

10. STABILITY AND REACTIVITY

This product is considered stable under normal and anticipated storage and handling conditions. Do not store above 120°F (49°C). For longest shelf life, avoid storage above 80°F (26.6°C). Avoid alcohols, strong bases or amines and metal compounds (such as small particle metal catalysts), and reducing agents.

11. TRANSPORTATION

Shipping Information**Containers Less Than 1000 cu. cm. (1 liter)**

<i>Ground</i>	Consumer Commodity ORM-D
<i>Air</i>	UN 1950 Aerosols, Flammable 2.1 (Flammable Gas Label)
<i>Water</i>	UN 1950 AEROSOLS N.O.S. Limited Quantity (No Hazard Labels Required) Boxes or Cartons should be marked (AEROSOLS UN 1950) only. IMDG Volume 2 page # 93
<i>Exceptions</i>	NA
<i>Note</i>	Emergency Response Guide Numbers - Consumer Commodity # 171, for Aerosols # 126.

12. REGULATORY

Toxic Substances Control Act (TSCA)/Domestic Substances List (DSL):

All ingredients are listed on the TSCA inventory, as well as the Canadian Domestic Substances List.

SARA Title III:

Contains no materials subject to the reporting requirements of SARA Title III.

Proposition 65:

Based on information currently available, this product is not known to contain any chemicals currently listed under California Proposition 65.

V.O.C. Content:

The U.S. EPA has exempted this product from V.O.C. status.

13. OTHER

NFPA: Fire 3; Health 2; Reactivity 0**HMIS: Flammability 3; Health 2; Reactivity 0**

The information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof. The manufacturer makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving it will make their own determination as to its suitability for their purposes prior to use. In no event will the manufacturer be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. No representations or warranties, either expressed or implied, of merchantability or fitness for a particular use are made hereunder with respect to this information or the product to which information refers.

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LAST REVISION: 05/05**APPROVED BY: Patrick Donahue**