

MATERIAL SAFETY DATA SHEET

SECTION 1 — PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER Handi-Foam		PRODUCT IDENTIFICATION NUMBER (PIN)	
PRODUCT USE polyurethane sealant			
MANUFACTURER'S NAME FOMO PRODUCTS, INC.		SUPPLIER'S NAME Alltemp Products Limited	
STREET ADDRESS P. O. Box 1078		STREET ADDRESS 827 Brock Road S.	
CITY Norton,	PROVINCE Ohio , USA	CITY Pickering	PROVINCE Ontario, Canada
POSTAL CODE 44203	EMERGENCY TELEPHONE 1-800-424-9300	POSTAL CODE L1W 3J2	EMERGENCY TELEPHONE NO.

SECTION 2 — HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC ₅₀ OF INGREDIENT (SPECIFY SPECIES)
Fluorocarbon (Non-Flammable Compressed Gas, HCFC)	10 to 30 percent	75-45-6	N/A	N/A
4,4' – Diphenylmethane Diisocyanate (MDI)	5 to 10 percent	101-68-8	N/A	N/A
Higher Oligomers of MDI (Polymeric MDI)	5 to 10 percent	9016-87-9	N/A	N/A
Urethane Pre-polymer Blend (Non-Hazardous Proprietary Blend)	60 to 100 percent	Not Available This Section	N/A	N/A

SECTION 3 — PHYSICAL DATA

PHYSICAL STATE Liquid	ODOUR AND APPEARANCE Viscous liquid which foams upon release from container as an off-white to yellowish froth. (Note: Appearance may differ with the introduction of a dye or colorant).			ODOUR THRESHOLD (ppm) N/A
VAPOUR PRESSURE (mm Hg) Very low (not determined)	VAPOUR DENSITY (AIR=1) Not available	EVAPORATION RATE Not Available	BOILING POINT (°C) 93.3°C	FREEZING POINT (°C) N/A
pH N/A	SPECIFIC GRAVITY 1.2	COEFF. WATER/OIL DIST. N/A		

SECTION 4 — FIRE AND EXPLOSION DATA

FLAMMABILITY YES Heat Oxygen and ignition source			
MEANS OF EXTINCTION Dry chemical, carbon dioxide, Halon 1211, chemical foam, or water spray if used in large quantities (water contamination will produce carbon dioxide).			
FLASHPOINT (°C) AND METHOD 426.6°C	UPPER FLAMMABLE LIMIT (% BY VOLUME) N/A	LOWER FLAMMABLE LIMIT (% BY VOLUME) N/A	
AUTOIGNITION TEMPERATURE (°C) Not Available	HAZARDOUS COMBUSTION PRODUCTS CO, CO ₂ , NO, and traces of HCN		
EXPLOSION DATA SENSITIVITY TO IMPACT Never subject aerosol cans to impact	SENSITIVITY TO STATIC DISCHARGE Not known		

SECTION 5 — REACTIVITY DATA

CHEMICAL STABILITY YES
INCOMPATIBILITY WITH OTHER SUBSTANCES YES 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).

PRODUCT

IDENTIFIER **Handi-Foam**

SECTION 6 — TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY

SKIN CONTACT

EYE CONTACT

INHALATION

INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

Inhalation: May irritate mucous membranes with tightness in chest, coughing, or allergic asthma-like sensitivity. Extensive overexposure can lead to respiratory symptoms like bronchitis and pulmonary edema. These effects are usually reversible. Overexposure to Fluorocarbon may cause lightheadedness, headaches, or lethargy. Persons with cardiac arrhythmia may be at increased risk in severe exposure.

Eyes: May be irritating to eyes. Foam contact can cause physical damage due to adhesive character.

Skin: May cause localized irritation, reddening or swelling. Prolonged or repeated exposure may lead to sensitization and/or contact dermatitis.

Ingestion: May cause irritation of mucous membranes in the mouth and digestive tract.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

Not Available

EXPOSURE LIMITS

N/A

IRRITANCY OF PRODUCT

N/A

SENSITIZATION TO PRODUCT

N/A

CARCINOGENICITY

N/A

TERATOGENICITY

N/A

REPRODUCTIVE TOXICITY

N/A

MUTAGENICITY

N/A

SYNERGISTIC PRODUCTS

N/A

SECTION 7 — PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES (SPECIFY)

Impervious Gloves

RESPIRATOR (SPECIFY)

Not Available

EYE (SPECIFY)

Safety goggles

FOOTWEAR (SPECIFY)

Not Available

CLOTHING (SPECIFY)

Long sleeves

OTHER (SPECIFY)

Not Available

ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS.)

N/A

LEAK AND SPILL PROCEDURE

Read all product instructions before using. Personal protective equipment should include impervious gloves, protective eye wear, and suitable work clothes. Uncured product is very sticky, so carefully remove the bulk of the foam by scraping it up and then immediately remove residue with a rag and solvent such as polyurethane cleaner, mineral spirits, acetone (nail polish remover), paint thinner, etc. Once the product has cured, it can only be removed physically by scraping, buffing, etc.

WASTE DISPOSAL

Dispose as plastic waste (foam plastic) in accordance with all applicable guidelines and regulations. Before disposing of containers, relieve container of any remaining foam and pressure. Allow product to fully cure before disposing. Never discard in a liquid state.

HANDLING PROCEDURES AND EQUIPMENT

N/A

STORAGE REQUIREMENTS

Store in a cool, dry place. Ideal storage temperature is 60°F to 80°F (15.5°C to 26.6°C). Storage above 90°F (32.2°C) will shorten the shelf life. Storage below 55°F (12.7°C) may affect foam quality if chemicals are not warmed before using. Protect containers from physical abuse. Protect unused product from freezing.

SPECIAL SHIPPING INFORMATION

Containers 1000 cu. cm. (1 liter) or Less

Ground Consumer Commodity ORM-D (On Shipper Carton)

Consumer Commodity, Polyurethane Foam Sealant (On Shipping Document)

Air UN 1950 Aerosols, Non-Flammable 2.2 (Non-Flammable Gas Label)

Water UN 1950 AEROSOLS (Limited Quantity) Class 2

No Hazard Labels Required)Boxes or Cartons should be marked (AEROSOLS UN 1950) only.

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Exceptions N/A

Note Emergency Response Guide Numbers – Consumer Commodity #171, for Aerosols and Compressed Gas #126

Chemical Name	Class	Subclass	Small Means of Containment	Consumer Commodities

SECTION 8 — FIRST AID MEASURES

SPECIFIC MEASURES

Inhalation: If breathing difficulty is experienced, move to area free of exposure. Provide fresh air. If necessary, provide oxygen or artificial respiration by trained personnel and obtain medical attention.

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

Skin Contact: Use a rag to remove excess foam from skin and remove contaminated clothing. Use of a solvent, such as acetone (nail polish remover) or mineral spirits, may help in removing uncured foam residue from clothing or other surfaces (avoid eye contact). Cured foam may be physically removed by persistent washing with soap and water. If irritation develops, use mild skin cream. 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.

SECTION 9 — PREPARATION DATE OF MSDS

PREPARED BY (GROUP, DEPARTMENT, ETC.)
Health and Safety Department

PHONE NUMBER
1-800-263-4624

DATE

