

MATERIAL SAFETY DATA SHEET

Company Name: FOMO PRODUCTS INC
Address: P O BOX 1078 2775 BARBER ROAD
City / State / Zip: NORTON / OH / 44203
US-CHEMTREC Phone(I): (800)424-9300
US-CHEMTREC Phone(II): (703)527-3887
CAN-CANUTEC Phone: (613)996-6666
Vendor Update: 12/17/2009
Date Prepared: 2/5/2010
MSDS Number: P10290 ;

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: HANDI-FOAM® GUN FOAM
HMIS Ratings:

Health: Moderate(2)
 Flammability: Slight(1)
 Instability/Reactivity: Slight(1)

NFPA Ratings:

Health: Moderate(2)
 Flammability: Slight(1)
 Instability/Reactivity: Slight(1)

Other: PRODUCT IS A LIQUID URETHANE PREPOLYMER MIXTURE THAT IS PACKAGED UNDER PRESSURE (NON-FLAMMABLE COMPRESSED GAS). CONTAINERS SHOULD NOT BE HEATED ABOVE 120°F(49°C) TO AVOID EXCESSIVE PRESSURE BUILD-UP.

II. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredients	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
FLUOROCARBON (NON-FLAMMABLE COMPRESSED GAS, HCFC)	75-45-6	10 - 30				Not Available	Not Available
Notes							
4,4' - DIPHENYLMETHANE DIISOCYANATE (MDI)	101-68-8	5 - 10	.005 PPM .051 MG/M³	CEILING: .020 PPM; .200 MG/M³		Not Available	Not Available
Notes							
HIGHER OLIGOMERS OF MDI (POLYMERIC MDI)	9016-87-9	5 - 10	NONE ESTABLISHED	NONE ESTABLISHED		Not Available	Not Available
Notes							
URETHANE PRE-POLYMER BLEND(NON-HAZARDOUS PROPRIETARY BLEND)	NOT AVAILABLE	60 - 100					
Notes							
Other:	NONE OF THE COMPONENTS IN THIS PRODUCT ARE LISTED BY IARC, NTP, OSHA, OR ACGIH AS A CARCINOGEN.						

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

Eyes: MAY BE IRRITATING TO THE 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 DERMATITIS.

Ingestion: MAY CAUSE IRRITATION OF MUCOUS MEMBRANES IN THE MOUTH AND DIGESTIVE TRACT.

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.

Medical Conditions

Aggravated by

Exposure:

Other:

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. ALSO, THE FOAM HAS STRONG ADHESIVE-LIKE CHARACTERISTICS AND WILL ADHERE AGGRESSIVELY TO SKIN AND OTHER SURFACES. IF ACCIDENTAL FOAM CONTACT OCCURS, FOLLOW THE APPROPRIATE FIRST-AID PROCEDURE DESCRIBED.

IV. FIRST AID MEASURES

Eyes: FLUSH WITH CLEAN WATER FOR AT LEAST 15 MINUTES AND OBTAIN MEDICAL ATTENTION.

Skin: 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 1-3 GLASSES OF WATER AND SEEK IMMEDIATE MEDICAL ATTENTION. NEVER GIVE ANYTHING ORALLY TO AN UNCONSCIOUS PERSON.

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.

V. FIRE FIGHTING MEASURES

Flash Point: 800°F (426.6°C) APPROXIMATELY

Extinguishing Agents: DRY CHEMICAL, CARBON DIOXIDE, HALON 1211, CHEMICAL FOAM, OR WATER SPRAY IF USED IN LARGE QUANTITIES (WATER CONTAMINATION WILL PRODUCE CARBON DIOXIDE).

Unusual Fire or Explosion Hazards: HIGH TEMPERATURES WILL RAISE THE PRESSURE IN THE CONTAINERS, WHICH MAY LEAD TO RUPTURING. CURED FOAM IS ORGANIC AND, THEREFORE, WILL BURN IN THE PRESENCE OF SUFFICIENT HEAT, OXYGEN AND AN IGNITION SOURCE. MAIN HAZARDS ASSOCIATED WITH BURNING FOAM ARE SIMILAR TO BURNING OF OTHER ORGANIC MATERIALS (WOOD, PAPER, COTTON, ETC.) AND PRECAUTIONS AGAINST EXPOSURE SHOULD BE TAKEN ACCORDINGLY.

Fire Fighting Procedures: WEAR SELF CONTAINED BREATHING APPARATUS TO PROTECT AGAINST TOXIC DECOMPOSITION BY-PRODUCTS, INCLUDING CO, CO₂, NO, AND TRACES OF HCN.

Other: AVOID WELDING OR OTHER "HOT WORK" IN THE VICINITY OF EXPOSED CURED FOAM.

VI. ACCIDENTAL RELEASE MEASURES

Containment/Cleanup: PERSONAL PROTECTIVE EQUIPMENT SHOULD INCLUDE (IMPERVIOUS GLOVES, PROTECTIVE EYE WEAR AND SUITABLE WORK CLOTHES). UNCURED FOAM 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 FOAM HAS CURED, IT CAN ONLY BE

REMOVED PHYSICALLY BY SCRAPING, BUFFING, ETC.

VII. HANDLING AND STORAGE

Other: 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 EFFECT FOAM QUALITY IF CHEMICALS ARE NOT WARMED BEFORE USING. PROTECT CONTAINERS FROM PHYSICAL ABUSE. PROTECT UNUSED PRODUCT FROM FREEZING.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: PERSONAL PROTECTIVE EQUIPMENT SHOULD INCLUDE PROTECTIVE EYE WEAR.

Skin: PERSONAL PROTECTIVE EQUIPMENT SHOULD INCLUDE IMPERVIOUS GLOVES, AND SUITABLE WORK CLOTHES.

Respiratory: IF VAPOR LEVELS ARE EXPECTED TO EXCEED THESE GUIDELINES, USE NIOSH APPROVED, POSITIVE PRESSURE, SUPPLIED AIR RESPIRATOR OR A NEGATIVE PRESSURE HALF MASK WITH ORGANIC VAPOR CARTRIDGES AND DUST/MIST PRE-FILTERS. EXERCISE GOOD PERSONAL HYGIENE, WASH THOROUGHLY AFTER EACH USE.

Engineering: ADEQUATE VENTILATION SHOULD ALSO BE EMPLOYED SO THAT VAPOR LEVELS DO NOT EXCEED RECOMMENDED GUIDELINES.

Other: READ ALL PRODUCT INSTRUCTIONS BEFORE USING.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: *OFF-WHITE TO YELLOWISH FROTH

Boiling Point: **FLUOROCARBON: BOILS @ 0°F(-17.7°C)

Solubility in Water: INSOLUBLE, REACTS SLOWLY W/H₂O DURING CURE++

Specific Gravity: APPROXIMATELY 1.2 (H₂O = 1)

Vapor Pressure: GREATER THAN 50 PSIG (345 KPA) UNDER PRESSURE***

Physical State: VISCOUS LIQUID

Volatile Content: BASED ON THE CURRENT EPA DEFINITION OF VOLATILE ORGANIC COMPOUND, THIS PRODUCT DOES NOT HAVE ANY V.O.C. CONTENT.

Other: *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).
 **(NON-FLAMMABLE COMPRESSED GAS, HCFC). OTHER COMPONENTS BOIL AT TEMPERATURES GREATER THAN 200°F(93.3°C).
 ***AFTER RELEASE FROM CONTAINER, VAPOR PRESSURE IS VERY LOW (NOT DETERMINED). ++LIBERATING TRACES OF CO₂.
 EXPLOSION DATA: CONTENTS ARE NOT KNOWN TO BE SENSITIVE TO MECHANICAL IMPACT OR STATIC DISCHARGE.

X. STABILITY AND REACTIVITY

Stability: STABLE UNDER NORMAL AND ANTICIPATED STORAGE AND HANDLING CONDITIONS.

Incompatible Products: AVOID ALCOHOLS, STRONG BASES OR AMINES AND METAL COMPOUNDS (SUCH AS SMALL PARTICLE METAL CATALYSTS.)

Conditions To Avoid: DO NOT STORE ABOVE 120°F (49°C). FOR LONGEST SHELF LIFE, AVOID STORAGE ABOVE 80°F (26.6°C).

XI. TOXICOLOGICAL INFORMATION**XII. ECOLOGICAL INFORMATION***Ecotoxicity:***XIII. DISPOSAL CONSIDERATIONS**

Disposal Method: 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 FOAM TO FULLY CURE BEFORE DISPOSING. NEVER DISCARD IN A LIQUID STATE.

XIV. TRANSPORT INFORMATION

United States: CONTAINERS LESS THAN 1000 CU.CM. (1 LITER) LESS

DOT Label(s) Required: CONSUMER COMMODITY ORM-D(ON SHIPPER CARTON); CONSUMER COMMODITY, POLYURETHANE FOAM SEALANT (ON SHIPPING DOCUMENT)

Emergency Response Guidebook Number (2004): CONSUMER COMMODITY #171, FOR AEROSOLS AND COMPRESSED GAS #126.

Air Transport: CONTAINERS LESS THAN 1000 CU.CM. (1 LITER) LESS

UN Identification Number: UN1950 AEROSOLS, NON-FLAMMABLE 2.2 (NON-FLAMMABLE GAS LABEL)

Sea Transport: CONTAINERS LESS THAN 1000 CU.CM. (1 LITER) LESS

UN Identification Number: UN1950 AEROSOLS "LTD QTY" 2; NO HAZARD LABELS REQUIRED) BOXES OR CARTONS SHOULD BE MARKED (UN1950 AEROSOLS) ONLY. IMDG VOLUME #2, PAGE 93

XV. REGULATORY INFORMATION

TSCA Status: ALL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY, AS WELL AS THE CANADIAN DESIGNATED SUBSTANCES LIST.

EPA Sara Title III Chemical Listings: CONTAINS DIPHENYLMETHANE DIISOCYANATE (CAS #101-68-8) AND A FLUOROCARBON (HCFC) CHLORODIFLUOROMETHANE (CAS #75-45-6), WHICH ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III. APPLICABILITY MUST BE DETERMINED BY THE END USER.

Supplemental State Compliance Information:

California: PROPOSITION 65: BASED ON THE INFORMATION CURRENTLY AVAILABLE, THIS PRODUCT IS NOT KNOWN TO CONTAIN DETECTABLE AMOUNTS OF ANY CHEMICALS CURRENTLY LISTED UNDER CALIFORNIA PROPOSITION 65.

XVI. OTHER INFORMATION**WARRANTY INFORMATION**

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION.

NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.