

Handi-Foam

ITEM: 2RPJ5 - Straw Foam Sealant 12 Oz Yellow

MSDS: B3929

ORDER: 0121802473

LP NUMBER: U854968742

MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

REPEATED EXPOSURE MAY LEAD TO SENSITIZATION AND/OR CONTACT DERMATITIS.

Associated Grainger Items
2RPJ5, 2RRJ7, 2TE64, 4KK25

ONE-COMPONENT POLYURETHANE FOAM SEALANT/ADHESIVE (134A)

(INCLUDES STRAWFOAM, GUNFOAM, WINDOW AND DOOR, SUB-FLOOR, GENERAL USE AND ROOF TILE. INCLUDES CYLINDERS)

MSDS #: A16354

ISSUE DATE: MARCH 2005

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PREPARED BY: T. EBERLING

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

CHEMICAL PRODUCT: ONE-COMPONENT POLYURETHANE FOAM SEALANT/ADHESIVE

MANUFACTURER:
FOMO PRODUCTS, INC.
P. O. BOX 1078
NORTON, OHIO 44203

EMERGENCY OVERVIEW:

PRODUCT INFORMATION: 1-800-321-5585.
IN OHIO AND OUTSIDE THE UNITED STATES CALL: (330) 753-4585

TRANSPORTATION EMERGENCY:
CHEMTREC: 1-800-424-9300.

ONE-COMPONENT POLYURETHANE FOAM SEALANT/ADHESIVE IS REGISTERED BY THE MANUFACTURER, FOMO PRODUCTS, INC.

INTERNATIONAL TRANSPORTATION EMERGENCY:
CHEMTREC: (703) 527-3887

PRODUCT IS A LIQUID URETHANE PREPOLYMER MIXTURE THAT IS PACKAGED UNDER PRESSURE (NON-FLAMMABLE COMPRESSED GAS).

CONTAINERS SHOULD NOT BE HEATED ABOVE 120 DEG. F (49 DEG. C) TO AVOID EXCESSIVE PRESSURE BUILD-UP.

2. COMPOSITION

Table with 5 columns: CHEMICAL NAME (COMMON NAMES), CAS NUMBER, PERCENTAGE, LD50, LC50. Rows include 1,1,1,2-TETRAFLUOROETHANE, 4,4'-DIPHENYLMETHANE DIISOCYANATE (MDI), HIGHER OLIGOMERS OF MDI, URETHANE PRE-POLYMER BLEND.

(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 DEG. F (49 DEG. C) IN ORDER TO AVOID EXCESSIVE PRESSURE BUILD-UP AND POSSIBLE CONTAINER RUPTURE.

POTENTIAL HEALTH EFFECTS:
THE PRIMARY ADVERSE HEALTH EFFECTS OF THIS PRODUCT ARE RELATED TO THE POLYMERIC ISOCYANATE (MDI) COMPONENT, AND, TO A LESSER DEGREE, THE FLUOROCARBON (134A) COMPONENT.

ENTRY ROUTE:

EFFECTS OF OVEREXPOSURE:

INHALATION:
MAY IRRITATE MUCOUS MEMBRANES WITH TIGHTNESS IN CHEST, COUGHING, OR ALLERGIC ASTHMA-LIKE SENSITIVITY.

OVEREXPOSURE TO 1,1,1,2-TETRAFLUOROETHANE MAY CAUSE LIGHTHEADEDNESS, HEADACHES, OR LETHARGY.

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

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

4. FIRST AID

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).

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. EXTINGUISHING MEDIA INCLUDE: DRY CHEMICAL, CARBON DIOXIDE, HALON 1211, CHEMICAL FOAM, OR WATER SPRAY IF USED IN LARGE QUANTITIES.

6. ACCIDENTAL RELEASE MEASURES/DISPOSAL CONSIDERATIONS

READ ALL PRODUCT INSTRUCTIONS BEFORE USING. PERSONAL PROTECTIVE EQUIPMENT SHOULD INCLUDE IMPERVIOUS GLOVES, PROTECTIVE EYE WEAR AND SUITABLE WORK CLOTHES.

BEFORE DISPOSING OF CONTAINERS, RELIEVE CONTAINER OF ANY REMAINING FOAM AND PRESSURE. ALLOW PRODUCT TO FULLY CURE BEFORE DISPOSING.

7. HANDLING AND STORAGE

STORE IN A COOL, DRY PLACE. IDEAL STORAGE TEMPERATURE IS 60 DEG. F TO 80 DEG. F (15.5 DEG. C TO 26.6 DEG. C). STORAGE ABOVE 90 DEG. F (32.2 DEG. C) WILL SHORTEN THE SHELF LIFE.

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.

Table with 3 columns: EXPOSURE GUIDELINES, OSHA, ACGIH. Rows include 4,4'-DIPHENYLMETHANE DIISOCYANATE (MDI), HIGHER OLIGOMERS OF MDI, 1,1,1,2-TETRAFLUOROETHANE.

(NONE OF THE COMPONENTS IN THIS PRODUCT ARE LISTED BY IARC, NTP, OSHA OR ACGIH AS A CARCINOGEN.)

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL APPEARANCE:
VISCIOUS 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.)

ODOR: SLIGHT FLUOROCARBON ODOR DURING CURING STAGE

SPECIFIC GRAVITY: APPROXIMATELY 1.2 (H2O = 1)

BOILING POINT:  
1,1,1,2-TETRAFLUOROETHANE (NON-FLAMMABLE COMPRESSED GAS, HFC FLUOROCARBON  
134A) BOILS AT -15 DEG. F (-26.1 DEG. C).

OTHER COMPONENTS BOIL AT TEMPERATURES GREATER THAN 200 DEG. F  
(93.3 DEG. C).

FLASH POINT:  
PRODUCT FLASH POINT HAS BEEN TESTED AT APPROXIMATELY 800 DEG. F  
(426.6 DEG. C).

VAPOR PRESSURE:  
CONTENTS UNDER PRESSURE HAVE VAPOR PRESSURE GREATER THAN 50 PSIG / 345 KPA.  
AFTER RELEASE FROM CONTAINER, VAPOR PRESSURE IS VERY LOW (NOT DETERMINED).

SOLUBILITY IN WATER:  
INSOLUBLE, REACTS SLOWLY WITH WATER DURING CURE; LIBERATING TRACES OF CO<sub>2</sub>.

EXPLOSION DATA:  
CONTENTS ARE NOT KNOWN TO BE SENSITIVE TO MECHANICAL IMPACT OR STATIC  
DISCHARGE.

#### 10. STABILITY AND REACTIVITY

THIS PRODUCT IS CONSIDERED STABLE UNDER NORMAL AND ANTICIPATED STORAGE AND  
HANDLING CONDITIONS. DO NOT STORE ABOVE 120 DEG. F (49 DEG. C). FOR LONGEST  
SHELF LIFE, AVOID STORAGE ABOVE 90 DEG. F (32.2 DEG. C). AVOID ALCOHOLS,  
STRONG BASES OR AMINES AND METAL COMPOUNDS (SUCH AS SMALL PARTICLE METAL  
CATALYSTS).

#### 11. TRANSPORTATION

##### SHIPPING INFORMATION:

CONTAINERS LESS THAN 1000 CU. CM. CONTAINERS GREATER THAN  
(1 LITER) 1000 CU. CM. (1 LITER)

GROUND:  
CONSUMER COMMODITY ORM-D (ON SHIPPER UN1956 COMPRESSED GAS N.O.S.  
CARTON) (FLUOROCARBON)

CONSUMER COMMODITY POLYURETHANE FOAM 2.2 (NON-FLAMMABLE GAS LABEL)  
SEALANT/ADHESIVE (ON SHIPPING DOCUMENT)

AIR:  
UN1950 AEROSOLS, NON-FLAMMABLE 2.2 UN1956 COMPRESSED GAS N.O.S.  
(NON-FLAMMABLE GAS LABEL) (FLUOROCARBON)  
2.2 (NON-FLAMMABLE GAS LABEL)

WATER:  
UN1950 AEROSOLS "LTD QTY" 2 UN1956 COMPRESSED GAS N.O.S.  
(FLUOROCARBON) 2.2

EXCEPTIONS: N/A

NOTE:  
EMERGENCY RESPONSE GUIDE NUMBERS - CONSUMER COMMODITY # 171. FOR AEROSOLS  
AND COMPRESSED GAS # 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 DIPHENYLMETHANE DIISOCYANATE (CAS #101-68-8) SUBJECT TO THE  
REPORTING REQUIREMENTS OF SARA TITLE III. APPLICABILITY MUST BE DETERMINED  
BY THE END USER.

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

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

#### 13. OTHER

NFPA:  
HEALTH 2  
FIRE 1  
REACTIVITY 1

HMS:  
HEALTH 1  
FLAMMABILITY 1  
REACTIVITY 1

THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE PRESENTED IN GOOD  
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OTHERWISE MAINTAINING REGULATORY COMPLIANCE.

LAST REVISION: MARCH 2008-5

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