

ITEM: 4UK97 - SEALANT LATEX FOAM

PICK REQ: 1110874165

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS: A1900

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

MATERIAL SAFETY DATA SHEET - A1900

Associated Grainger Item: 4UK97 - SEALANT LATEX FOAM

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

THIS MATERIAL SAFETY DATA SHEET IS AVAILABLE IN SPANISH UPON REQUEST.

LOS DATOS DE SEGURIDAD DEL PRODUCTO PUEDEN OBTENERSE EN ESPAÑOL SI LO REQUIERE.

PRODUCT NAME : DAPTEK LATEX FOAM SEALANT
UPC NUMBER : 7079818826, 7079818820, 7079818832, 7079818834, 7079899962

PRODUCT USE/CLASS : LATEX FOAM SEALANT

MANUFACTURER: DAP INC. 24 HOUR EMERGENCY: TRANSPORTATION: 1-800-535-5053 (352-323-3500)
2400 BOSTON STREET MEDICAL: 1-800-327-3874 (513-558-5111)
BALTIMORE, MD 21224

PREPARE DATE : 01/30/1997 GENERAL INFORMATION: DAP INC.: 1-888-DAP-TIPS (1-888-327-8477)
REVISION NO. : 2
REVISION DATE: 09/08/2000

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Table with 4 columns: ITEM, CHEMICAL NAME, CAS NUMBER, WT/WT % RANGE. Lists ingredients like N-BUTANE, ETHYLENE GLYCOL, VINYL ACETATE, DIMETHYL ETHER, ISOCROBANOL, PROPANE, ALIPHATIC AMINES.

EXPOSURE LIMITS

Table with 7 columns: ITEM, TLV-TWA, ACGIH TLV-STEL, PEL-TWA, OSHA PEL-CEILING, COMPANY TLV-TWA, SKIN. Lists exposure limits for various items.

(SEE SECTION 16 FOR ABBREVIATION LEGEND) \* - TLV-CEILING VALUE

REMAINING INGREDIENTS ARE NOT CONSIDERED HAZARDOUS PER THE OSHA HAZARD COMMUNICATION STANDARD.

LISTED PERMISSIBLE EXPOSURE LEVELS (PEL) ARE FROM THE U.S. DEPT. OF LABOR OSHA FINAL RULE LIMITS (CFR 29 1910.1000); LIMITS MAY VARY BETWEEN STATES.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: DANGER! EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR HARMFUL, HARMFUL OR FATAL IF SWALLOWED. MAY IRRITATE EYES, SKIN, NOSE, AND RESPIRATORY TRACT. CONTENTS UNDER PRESSURE. EXPOSURE TO TEMPERATURES ABOVE 120 DEGREES F. MAY CAUSE CAN TO RUPTURE.

POTENTIAL HEALTH EFFECTS:

EFFECTS OF OVEREXPOSURE - EYE CONTACT: MAY CAUSE EYE IRRITATION.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: MAY CAUSE SKIN IRRITATION.

EFFECTS OF OVEREXPOSURE - INHALATION: VAPOR HARMFUL IF INHALED. VAPOR MAY IRRITATE NOSE AND UPPER RESPIRATORY TRACT. VAPOR INHALATION MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA.

EFFECTS OF OVEREXPOSURE - INGESTION: THIS MATERIAL MAY BE HARMFUL OR FATAL IF SWALLOWED. INGESTION OF ETHYLENE GLYCOL IN EXCESS MAY LEAD TO RESPIRATORY CARDIAC FAILURE AS WELL AS KIDNEY AND LIVER DAMAGE. IF INGESTED THIS PRODUCT MAY CAUSE VOMITING, DIARRHEA, AND DEPRESSED RESPIRATION.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: REPORTS HAVE ASSOCIATED PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE WITH PROLONGED AND REPEATED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS. INGESTION OF ETHYLENE GLYCOL IN EXCESS MAY LEAD TO RESPIRATORY AND CARDIAC FAILURE, AND KIDNEY AND LIVER DAMAGE. THIS PRODUCT CONTAINS 0.1% TO 0.2% VINYL ACETATE. VINYL ACETATE WHICH IS CLASSIFIED AS A CLASS 2B CARCINOGEN BY IARC. VINYL ACETATE WAS FOUND TO CAUSE CANCER IN THE RESPIRATORY TRACT OF LABORATORY ANIMALS. THERE IS NO EVIDENCE THAT VINYL ACETATE CAUSES CANCER IN HUMANS. THE IARC PUBLISHED A MONOGRAPH ON VINYL

ACETATE (1995). IN THIS MONOGRAPH, IARC INDICATES "THERE IS ADEQUATE EVIDENCE IN HUMANS FOR CARCINOGENICITY OF VINYL ACETATE. THERE IS LIMITED EVIDENCE IN EXPERIMENTAL ANIMALS FOR CARCINOGENICITY OF VINYL ACETATE." NORMALLY, THIS LACK OF CONCLUSIVE EVIDENCE WOULD PLACE A SUBSTANCE IN THE IARC CATEGORY 3 CLASSIFICATION (NOT CLASSIFIED AS A HUMAN CARCINOGEN). HOWEVER, BECAUSE VINYL ACETATE IS METABOLIZED TO ACETALDEHYDE, WHICH HAS AN IARC 2B (POSSIBLY CARCINOGENIC TO HUMANS) CLASSIFICATION, IT ALSO HAS BEEN LISTED UNDER CATEGORY 3B.

MEDICAL CONDITIONS WHICH MAYBE AGGRAVATED BY CONTACT: NONE KNOWN.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT INHALATION

SECTION 4 - FIRST AID MEASURES

EYE CONTACT: FLUSH WITH LARGE QUANTITIES OF WATER UNTIL IRRITATION SUBSIDES. CONTACT A PHYSICIAN.

SKIN CONTACT: WASH WITH SOAP AND WATER.

INHALATION: REMOVE TO FRESH AIR. CONTACT A PHYSICIAN IMMEDIATELY.

INGESTION: DO NOT INDUCE VOMITING. CONTACT A PHYSICIAN OR REGIONAL POISON CONTROL CENTER IMMEDIATELY.

COMMENTS: NONE.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: AEROSOL. EXTREMELY FLAMMABLE. LOWER EXPLOSIVE LIMIT: N.A. (SETBACK CUP) CLOSED CUP UPPER EXPLOSIVE LIMIT: N.A.

AUTOIGNITION TEMPERATURE: N.E.

EXTINGUISHING MEDIA: CO2 DRY CHEMICAL FOAM WATER FOG

UNUSUAL FIRE/EXPLOSION HAZARDS: CONTAINERS MAY EXPLODE IF EXPOSED TO EXTREME HEAT. ELIMINATE SOURCES OF IGNITION: HEAT, ELECTRICAL EQUIPMENT, SPARKS, AND FLAMES. DO NOT PUT IN CONTACT WITH OXIDIZING OR CAUSTIC MATERIALS.

SPECIAL FIREFIGHTING PROCEDURES: AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND (MSHA/MICH Approved OR EQUIVALENT) AND FULL PROTECTIVE GEAR. USE WATER SPRAY TO COOL EXPOSED SURFACES.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: USE ABSORBENT MATERIAL OR SCRAPE UP DRIED MATERIAL AND PLACE INTO CONTAINERS.

SECTION 7 - HANDLING AND STORAGE

HANDLING INFORMATION: KEEP OUT OF REACH OF CHILDREN. AVOID SKIN AND EYE CONTACT. AVOID BREATHING VAPORS. USE ONLY IN A WELL VENTILATED AREA. MAKE SURE NOZZLE ARROW IS DIRECTED AWAY FROM YOURSELF PRIOR TO DISCHARGE.

STORAGE INFORMATION: STORE AWAY FROM CAUSTICS AND OXIDIZERS. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. KEEP CONTAINERS FROM EXCESSIVE HEAT AND FREEZING. KEEP OUT OF DIRECT SUNLIGHT. DONOT STORE AT TEMPERATURES ABOVE 120 DEGREES F.

OTHER PRECAUTIONS: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING VAPORS MAY BE HARMFUL OR FATAL. DO NOT TAKE INTERNALLY. USE IN A WELL VENTILATED AREA. PROVIDE FRESH AIR SUCH THAT CHEMICAL ODORS CANNOT BE DETECTED DURING USE AND WHILE DRYING. CONSTRUCTION AND REPAIR ACTIVITIES CAN ADVERSELY AFFECT INDOOR AIR QUALITY. CONSULT WITH THE OCCUPANTS OR A REPRESENTATIVE (I.E. MAINTENANCE, BUILDING MANAGER, INDUSTRIAL HYGIENIST, OR SAFETY OFFICER.) TO DETERMINE WAYS TO MINIMIZE ANY IMPACT.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: PROVIDE SUFFICIENT MECHANICAL VENTILATION (LOCAL OR GENERAL EXHAUST) TO MAINTAIN EXPOSURE BELOW PEL AND TLV. VAPORS ARE HEAVIER THAN AIR AND WILL COLLECT IN LOW AREAS. CHECK ALL LOW AREAS (BASEMENTS, SUMPS, ETC.) FOR VAPOR BEFORE ENTERING.

RESPIRATORY PROTECTION: A RESPIRATORY PROTECTION PROGRAM THAT MEETS OSHA 1910.134 AND ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE. NOT REQUIRED UNDER NORMAL USAGE AND ADEQUATE VENTILATION.

EYE PROTECTION: SAFETY GLASSES WITH SIDE SHIELDS RECOMMENDED.

SKIN PROTECTION:  
GLOVES ARE RECOMMENDED.  
OTHER PROTECTIVE EQUIPMENT:  
NONE.

HYGIENIC PRACTICES:  
WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE : N.A.  
VAPOR DENSITY : IS HEAVIER THAN AIR  
ODOR : SLIGHT ALCOHOLIC  
APPEARANCE : WHITE LIQUID  
EVAPORATION RATE : IS FASTER THAN BUTYL ACETATE  
SOLUBILITY IN H2O : SOLUBLE  
SPECIFIC GRAVITY : 1.0102  
VAPOR PRESSURE : N.A.  
PHYSICAL STATE : LIQUID  
(SEE SECTION 16 FOR ABBREVIATION LEGEND)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: EXCESSIVE HEAT AND FREEZING.  
INCOMPATIBILITY: STRONG OXIDIZERS AND CAUSTICS.  
HAZARDOUS DECOMPOSITION PRODUCTS:  
NORMAL DECOMPOSITION PRODUCTS, I.E. CO<sub>2</sub>, NO<sub>x</sub>  
HAZARDOUS POLYMERIZATION:  
WILL NOT OCCUR UNDER NORMAL CONDITIONS.  
STABILITY:  
THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

SECTION 11 - TOXICOLOGICAL PROPERTIES

NO PRODUCT OR COMPONENT TOXICOLOGICAL INFORMATION IS AVAILABLE.

SECTION 12 - ECOLOGICAL INFORMATION

NO INFORMATION.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE MANAGEMENT/DISPOSAL:  
DISPOSAL ACCORDING TO FEDERAL, STATE, AND LOCAL STANDARDS. STATE AND LOCAL REGULATIONS/RESTRICTIONS ARE COMPLEX AND MAY DIFFER FROM FEDERAL REGULATIONS.  
RESPONSIBILITY FOR PROPER WASTE DISPOSAL IS WITH THE OWNER OF THE WASTE.  
EPA WASTE CODE - IF DISCARDED (40 CFR 261): D001-IGNITABLE (IF RESIDUE NO REMAINS).

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: CONSUMER COMMODITY  
DOT HAZARD CLASS: ORM-D  
DOT UN/NA NUMBER: NONE  
PACKING GROUP: NONE RESP. GUIDE PAGE: 171

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -  
OSHA: HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)  
SARA SECTION 313:  
THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:

CHEMICAL NAME	CAS NUMBER	WT/WT % RANGE
ETHYLENE GLYCOL	107-21-1	1.0-5.0 %
ISOPROPANOL	67-63-0	1.0-5.0 %
VINYL ACETATE MONOMER	108-05-4	0.1-0.5 %

TOXIC SUBSTANCES CONTROL ACT:  
THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF TSCA 12(B) IF EXPORTED FROM THE UNITED STATES:

CHEMICAL NAME CAS NUMBER  
NO INFORMATION IS AVAILABLE.

NEW JERSEY RIGHT-TO-KNOW:  
THE FOLLOWING MATERIALS ARE NON-HAZARDOUS, BUT ARE AMONG THE TOP FIVE COMPONENTS IN THIS PRODUCT:

CHEMICAL NAME	CAS NUMBER
WATER	7732-18-5
POLYVINYL ACETATE	9002-88-6
ACRYLIC LATEX POLYMER	9002-88-6

PENNSYLVANIA RIGHT-TO-KNOW:  
THE FOLLOWING NON-HAZARDOUS INGREDIENTS ARE PRESENT IN THE PRODUCT AT GREATER THAN 3%:

CHEMICAL NAME CAS NUMBER

WATER  
POLYVINYL ACETATE  
ACRYLIC LATEX

7732-18-5  
PROPRIETARY  
PROPRIETARY

CALIFORNIA PROPOSITION 65:  
WARNING: THE CHEMICAL(S) NOTED BELOW AND CONTAINED IN THIS PRODUCT, ARE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM:

CHEMICAL NAME CAS NUMBER  
NO PROPOSITION 65 CHEMICALS EXIST IN THIS PRODUCT.

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: THIS MSDS HAS BEEN PREPARED IN COMPLIANCE WITH CONTROLLED PRODUCT REGULATIONS EXCEPT FOR USE OF THE 16 HEADINGS.

CANADIAN WHMIS CLASS: NO INFORMATION AVAILABLE.

SECTION 16 - OTHER INFORMATION

HMIS RATINGS -  
HEALTH: 1  
FLAMMABILITY: 3  
REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 01/10/2000

REASON FOR REVISION:  
SECTION 13: UPDATE OF INFORMATION.

THIS PRODUCT CONTAINS A MAXIMUM OF 15% VOC BY WEIGHT.

LEGEND: ACGIH - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS  
N.A. - NOT APPLICABLE  
N.E. - NOT ESTABLISHED  
PEL - PERMISSIBLE EXPOSURE LIMIT  
NTP - NATIONAL TOXICOLOGY PROGRAM  
SARA - SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986  
STEL - SHORT TERM EXPOSURE LIMIT  
TLV - THRESHOLD LIMIT VALUE (8 HR. TIME WEIGHTED AVERAGE OR TWA)  
VOC - VOLATILE ORGANIC COMPOUND  
NJRTK - NEW JERSEY RIGHT TO KNOW LAW  
N.D. - NOT DETERMINED

MSDS# 77346

THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER 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 THE RECOMMENDATIONS IN SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE IF THEY ARE APPROPRIATE.