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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

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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 ESPANOL SI LO REQUIERE.

PRODUCT NAME : ALEX PLUS CLEAR  
 UPC NUMBER : 7079811521  
 PRODUCT USE/CLASS : Clear latex caulk

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

PREPARE DATE : 09/12/2003 GENERAL INFORMATION:  
 REVISION NO. : 1 DAP INC. : 1-888-DAP-TIPS (1-888-327-8477)  
 REVISION DATE: 09/12/2003

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SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % RANGE
01	Ethylene glycol	107-21-1	1.0 - 5.0
02	Triethoxysilane	919-30-2	0.0 - 0.1
03	Acetaldehyde	75-07-0	<0.002
04	Ammonia	7664-41-7	<0.06
05	Formaldehyde	50-00-0	<0.02

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EXPOSURE LIMITS

ITEM	ACGIH		OSHA		COMPANY	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	SKIN
01	N.E.	50 ppm	N.E.	50 ppm	N.E.	NO
02	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.
03	N.E.	25 ppm	200 ppm	N.E.	N.E.	NO
04	25 ppm	35 ppm	50 ppm	N.E.	N.E.	N.E.
05	N.E.	0.3 ppm	0.75 ppm	N.E.	N.E.	**

(See Section 16 for abbreviation legend), TLV-Ceiling Value

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

\*\* See Appendix C to 29 CFR 1910.1048 (Section II. A. 3.)

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.

Remaining ingredients are not considered hazardous per the OSHA Hazard Communication Standard.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: A thick white or variously colored paste with a mild sweet odor.

WARNING! May cause eye, skin, nose, throat and respiratory tract irritation. Harmful if swallowed or absorbed through the skin. Presents little or no hazard (if spilled) and / or no unusual hazard if involved in a fire.

POTENTIAL HEALTH EFFECTS:

EFFECTS OF OVEREXPOSURE - EYE CONTACT: May cause eye irritation.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: May cause allergic skin reaction or sensitization. Prolonged or repeated contact with skin may cause irritation.

EFFECTS OF OVEREXPOSURE - INHALATION: Vapor may cause nose, throat and respiratory tract irritation.

EFFECTS OF OVEREXPOSURE - INGESTION: Harmful if swallowed or absorbed through the skin.

EFFECTS OF OVEREXPOSURE û CHRONIC HAZARDS: Repeated or prolonged exposure may cause skin, respiratory, kidney, cardiovascular and liver damage. Ethylene glycol has been shown to cause birth defects in laboratory animals.

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY CONTACT: None known.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT, INHALATION, EYE CONTACT

SECTION 4 - FIRST AID MEASURES

EYE CONTACT: Immediately flood with large quantities of water for at least 15 minutes until irritation subsides. Get medical attention immediately.

SKIN CONTACT: Wash thoroughly with soap and water.

(Continued on Page 3)

SECTION 4 - FIRST AID MEASURES

INHALATION: Remove to fresh air. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued breathing difficulty is experienced, get medical attention immediately.

INGESTION: DO NOT INDUCE VOMITING. Get medical attention immediately.

COMMENTS: Call Medical Emergency 1-800-327-3874 if any irritation or complications arise from any of the above routes of entry.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: >200 F  
(SETAFLASH CLOSED CUP)

LOWER EXPLOSIVE LIMIT: N.A.  
UPPER EXPLOSIVE LIMIT: N.A.

AUTOIGNITION TEMPERATURE: N.E.

EXTINGUISHING MEDIA: CO2 DRY CHEMICAL FOAM WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

SPECIAL FIREFIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH 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. DO NOT TAKE INTERNALLY. Avoid contact with skin. Avoid contact with eyes. Do not get on clothing. Use only with adequate ventilation. Avoid breathing vapors. Ensure fresh air entry during application and drying by opening windows and doors. Keep container closed when not in use. Wash thoroughly after handling.

STORAGE INFORMATION: Store away from caustics and oxidizers. Keep containers tightly closed when not in use. Keep containers from excessive heat and freezing. Do not store at temperatures above 120 degrees F.

OTHER PRECAUTIONS: None known.

SECTION 7 - HANDLING AND STORAGE

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Good general ventilation should be sufficient to control airborne levels. A NIOSH-approved air purifying respirator with an organic vapor cartridge or canister may be necessary under certain circumstances where airborne concentrations are expected to exceed exposure limits.

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.

EYE PROTECTION: Wear safety glasses with side shields.

SKIN PROTECTION: Rubber gloves.

OTHER PROTECTIVE EQUIPMENT: None.

HYGIENIC PRACTICES: Wash hand thoroughly after use. Wash contaminated clothing before reuse.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE	: 210 - 220 F	VAPOR DENSITY	: Is heavier than air
ODOR	: Sl. Ammonia Odor		
APPEARANCE	: Clear when dry	EVAPORATION RATE:	Is slower than Butyl Acetate
SOLUBILITY IN H2O	: Dispersible		
SPECIFIC GRAVITY	: 1.0453		
VAPOR PRESSURE	: 17.5 mm Hg @68F		
PHYSICAL STATE	: Paste		

(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. COx, NOx

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

(Continued on Page 5)

SECTION 10 - STABILITY AND REACTIVITY

SECTION 11 - TOXICOLOGICAL PROPERTIES

The toxicological properties of this material are unknown, however, based on the toxicity of its constituents, it is expected to have relatively low toxicity.

SECTION 12 - ECOLOGICAL INFORMATION

No Information.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE MANAGEMENT/DISPOSAL: Dispose of according to Federal, State, and Local Standards. This product does not meet the definition of a hazardous waste according to U.S. EPA Hazardous Waste Management Regulations, 40 CFR Section 261. 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): None.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Not Regulated by D.O.T.

DOT HAZARD CLASS: NONE

DOT UN/NA NUMBER: NONE                      PACKING GROUP: NONE

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

## SECTION 15 - REGULATORY INFORMATION

## 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 %

## 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:

None.

## 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
Acrylic Polymer	TSRN-618608-5061P
Water	7732-18-5
Mineral Oil	TSRN-618608-5075P
Amorphous Silica	7631-86-9

## PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

----- CHEMICAL NAME -----	CAS NUMBER
Acrylic Polymer	proprietary
Water	7732-18-5
Mineral Oil	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
Formaldehyde	50-00-0
Acrylamide	79-06-1
Ethyl acrylate	140-88-5

## 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 15 - REGULATORY INFORMATION

SECTION 16 - OTHER INFORMATION

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

VOC less water, less exempt solvent: 35-40 gm/l((4.0-5.0%))

VOC material: 20-25 gm/l(3.0-4.0%)

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# 10109

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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.

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< End OF MSDS >