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|  | <h1>Safety Data Sheet</h1> | <p>24 Hour Emergency Phone Numbers Medical/Poison Control: In U.S.: Call 1-800-222-1222</p> <p>Outside U.S.: Call your local poison control center</p> <p>Transportation/National Response Center: 1-800-535-5053 1-352-323-3500</p> <p>NOTE: The National Response Center emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.</p> |
|---|----------------------------|---|

IMPORTANT: Provide this information to employees, customers, and users of this product. Read this SDS before handling or disposing of this product. This product is covered by the OSHA Hazard Communication Standard and this document has been prepared in accordance with requirements of this standard. All abbreviated terms used in this MSDS are further described in Section 16.

1. Identification

This Material Safety Data Sheet is available in American Spanish upon request.
 Los Datos de Seguridad del Producto pueden obtenerse en Espanol si lo requiere.

| | | | |
|----------------------------|---|-------------------------|-------------|
| Product Name: | Daptex Plus Multi-Purpose Foam Sealant | Revision Date: | 6/19/2015 |
| Product UPC Number: | 18836 | Supercedes Date: | 12/27/2011 |
| Product Use/Class: | Foam Sealant | SDS No: | 00077344001 |
| Manufacturer: | DAP Products Inc. 2400 Boston Street Suite 200 Baltimore, MD 21224-4723 888-327-8477 (non - emergency matters) | | |
| Preparer: | Regulatory Department | | |

2. Hazards Identification

EMERGENCY OVERVIEW: Under normal use conditions, this product is not expected to cause adverse health effects. Contents under pressure. Do not puncture can. Exposure to temperatures above 120 °F may cause can to rupture. This product contains ethylene glycol.

GHS Classification

Comp. Gas, Eye Irrit. 2, Fl Aer, 1, Flam. Gas 1

Symbol(s) of Product



Signal Word

Danger

GHS HAZARD STATEMENTS

Flammable Gas, category 1

H220

Extremely flammable gas.

| | | |
|-------------------------------|------|---|
| Flammable Aerosol, category 1 | H222 | Extremely flammable aerosol. |
| Compressed Gas | H280 | Contains gas under pressure; may explode if heated. |
| Eye Irritation, category 2 | H319 | Causes serious eye irritation. |

GHS LABEL PRECAUTIONARY STATEMENTS

| | |
|----------------|--|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P211 | Do not spray on an open flame or other ignition source. |
| P251 | Do not pierce or burn, even after use. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337+P313 | If eye irritation persists: Get medical advice/attention. |
| P377 | If eye irritation persists: |
| P381 | Eliminate all ignition sources if safe to do so. |
| P410+P403 | Protect from sunlight. Store in a well-ventilated place. |
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F. |

3. Composition/Information on Ingredients

| <u>Chemical Name</u> | <u>CAS-No.</u> | <u>Wt. %</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|---|----------------|--------------|--------------------|-----------------------|
| Isopropyl alcohol | 67-63-0 | 2.5-10 | GHS02-GHS03-GHS07 | H225-270-319-332-336 |
| Ethylene glycol | 107-21-1 | 1.0-2.5 | GHS03-GHS06 | H270-331 |
| 1-Docosanol | 661-19-8 | 1.0-2.5 | GHS03 | H270 |
| Dimethyl ether | 115-10-6 | 1.0-2.5 | GHS03 | H270 |
| Propane | 74-98-6 | 1.0-2.5 | GHS03-GHS07 | H270-332-336 |
| n-Butane | 106-97-8 | 1.0-2.5 | GHS03-GHS07 | H270-332-336 |
| Alcohol C11-14-ISO C13 Rich Ethoxylated | 78330-21-9 | 1.0-2.5 | GHS03-GHS05 | H270-315-318 |

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

4. First-aid Measures

FIRST AID - INHALATION: Material is not likely to present an inhalation hazard at ambient conditions. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

FIRST AID - SKIN CONTACT: No health hazards are known to exist. 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. In case of contact, wash skin immediately with soap and water.

FIRST AID - EYE CONTACT: In case of contact, immediately flush eyes with large quantities of water for at least 15 minutes until irritation subsides. Get medical attention immediately.

FIRST AID - INGESTION: If swallowed, DO NOT INDUCE VOMITING. Get medical attention immediately.

5. Fire-fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may burst if exposed to extreme heat or fire. None known.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear. Use water spray to cool exposed surfaces.

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam, Water Fog

6. Accidental Release Measures

ENVIRONMENTAL MEASURES: No Information

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: NOTE: Review fire hazards before proceeding with clean up. Immediately eliminate sources of ignition. Keep people away from and upwind of spill/leak. Contain spilled material and remove with

inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. Scrape up dried material and place into containers. Prevent product from entering drains. Soak up with inert absorbent material and dispose of as hazardous waste. Use personal protective equipment as necessary. 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. Dispose as plastic waste (foam plastic) in accordance with all applicable guidelines and regulations.

7. Handling and Storage

HANDLING: KEEP OUT OF REACH OF CHILDREN! DO NOT TAKE INTERNALLY. Make sure nozzle is directed away from yourself prior to discharge. Keep away from open flames, hot surfaces and sources of ignition. Use only with adequate ventilation. Ensure fresh air entry during application and drying. Wash thoroughly after handling.

STORAGE: Protect material from direct sunlight. Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store at temperatures above 120 degrees F. Store containers away from excessive heat and freezing. Store away from caustics and oxidizers.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

| <u>Chemical Name</u> | <u>ACGIH TLV-TWA</u> | <u>ACGIH-TLV STEL</u> | <u>OSHA PEL-TWA</u> | <u>OSHA PEL-CEILING</u> |
|---|------------------------------|-----------------------|--|-------------------------|
| Isopropyl alcohol | 200 ppm TWA | 400 ppm STEL | 400 ppm TWA, 980 mg/m ³ TWA | N.E. |
| Ethylene glycol | N.E. | N.E. | N.E. | N.E. |
| 1-Docosanol | N.E. | N.E. | N.E. | N.E. |
| Dimethyl ether | N.E. | N.E. | N.E. | N.E. |
| Propane | 1000 ppm TWA | N.E. | 1000 ppm TWA, 1800 mg/m ³ TWA | N.E. |
| | Aliphatic hydrocarbon gases: | | | |
| | Alkane C1-4 | | | |
| n-Butane | N.E. | 1000 ppm STEL | N.E. | N.E. |
| Alcohol C11-14-ISO C13 Rich Ethoxylated | N.E. | N.E. | N.E. | N.E. |

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation Sk = Skin Sensitizer N.E. = Not Established

Personal Protection



RESPIRATORY PROTECTION: No personal respiratory protective equipment normally required.



SKIN PROTECTION: Rubber gloves.



EYE PROTECTION: Goggles or safety glasses with side shields.



OTHER PROTECTIVE EQUIPMENT: Not required under normal use.



HYGIENIC PRACTICES: Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.

9. Physical and Chemical Properties

| | | | |
|---------------------------------------|-----------------------------|---|----------------------|
| Appearance: | White | Physical State: | Foam |
| Odor: | Slight Alcoholic | Odor Threshold: | Not Established |
| Density, g/cm³: | 0.99 - 0.99 | pH: | Between 7.0 and 12.0 |
| Freeze Point, °C: | Not Established | Viscosity (mPa.s): | Not Established |
| Solubility in Water: | Not Established | Partition Coeff., n-octanol/water: | Not Established |
| Decomposition Temperature, °C: | Not Established | Explosive Limits, %: | N.I. - N.I. |
| Boiling Range, °C: | N.I. - N.I. | Auto-Ignition Temperature, °C | Not Established |
| Minimum Flash Point, °C: | No Information | Vapor Pressure, mmHg: | No Information |
| Evaporation Rate: | Slower Than n-Butyl Acetate | Flash Method: | Not Applicable |
| Vapor Density: | Heavier Than Air | | |
| Combustibility: | Does not support combustion | | |

(See "Other information" Section for abbreviation legend)

(If product is an aerosol, the flash point stated above is that of the propellant.)

10. Stability and Reactivity

STABILITY: Stable under recommended storage conditions.

CONDITIONS TO AVOID: Excessive heat and freezing.

INCOMPATIBILITY: Incompatible with strong bases and oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Normal decomposition products, i.e., CO_x, NO_x.

11. Toxicological Information

EFFECT OF OVEREXPOSURE - INHALATION: Under normal use conditions, this product is not expected to cause adverse health effects. Inhalation of vapors in high concentration may cause mild irritation of respiratory system (nose, mouth, mucous membranes).

EFFECT OF OVEREXPOSURE - SKIN CONTACT: Under normal use conditions, this product is not expected to cause adverse health effects. Prolonged or repeated contact with skin may cause mild irritation.

EFFECT OF OVEREXPOSURE - EYE CONTACT: Under normal use conditions, this product is not expected to cause adverse health effects. Direct eye contact may cause irritation. Mist and vapors may cause eye irritation. Foam contact can cause physical damage due to adhesive character.

EFFECT OF OVEREXPOSURE - INGESTION: Under normal use conditions, this product is not expected to cause adverse health effects. Single dose oral toxicity is very low. Amounts ingested incidental to industrial handling are not likely to cause injury; however, ingestion of large amounts may cause injury. Ingestion of ethylene glycol can cause gastrointestinal irritation, nausea, vomiting, diarrhea and if ingested in sufficient quantities, death.

CARCINOGENICITY: No Information

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Inhalation, Skin Absorption, Skin Contact

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|----------------------|-----------------------|---------------------|-------------------|
| 67-63-0 | Isopropyl alcohol | 4396 mg/kg Rat | 12800 mg/kg Rabbit | N.I. |
| 107-21-1 | Ethylene glycol | 4000 mg/kg Rat | 9530 mg/kg Rabbit | > 2.5 mg/L Rat |
| 661-19-8 | 1-Docosanol | >10000 mg/kg Rat | 258015 mg/kg Rabbit | N.I. |
| 115-10-6 | Dimethyl ether | >2000 mg/kg | >2000 mg/kg | 308.5 mg/L Rat |
| 74-98-6 | Propane | Not an exposure route | N.I. | 658 mg/L Rat |

| | | | | |
|------------|---|-----------------------|------|--------------|
| 106-97-8 | n-Butane | Not an exposure route | N.I. | 658 mg/L Rat |
| 78330-21-9 | Alcohol C11-14-ISO C13 Rich Ethoxylated | N.I. | N.I. | N.I. |

N.I. = No Information

12. Ecological Information

ECOLOGICAL INFORMATION: Ecological injuries are not known or expected under normal use.

13. Disposal Information

DISPOSAL INFORMATION: Residues and spilled material are hazardous waste due to ignitability. Contents under pressure. Dispose of material in accordance with all federal, state and local regulations. 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. Do not flush into surface water or sanitary sewer system. Do not empty into drains. Do not re-use empty containers. The container for this product can present explosion or fire hazards, even when emptied. To avoid risk of injury, do not cut, puncture, or weld on or near this container. Before disposing of containers, relieve container of any remaining product and pressure. Empty cylinders, once relieved of all pressure, can be disposed of as non-hazardous waste.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No Information

| | |
|----------------------------------|---------------------|
| DOT UN/NA Number: | UN1950 |
| DOT Proper Shipping Name: | Aerosols, flammable |
| DOT Technical Name: | N.A. |
| DOT Hazard Class: | 2.1 |
| Hazard SubClass: | N.A. |
| Packing Group: | N.A. |

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire Hazard, Pressure Hazard, Acute Health Hazard, Chronic Health Hazard

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| Ethylene glycol | 107-21-1 |

TOXIC SUBSTANCES CONTROL ACT:

All ingredients in this product are either on TSCA inventory list, or otherwise exempt.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA 12(b) components exist in this product.

CALIFORNIA PROPOSITION 65 CARCINOGENS

This product does not contain any chemicals known to the State of California to cause cancer.

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

This product does not contain any chemicals known to the State of California to cause birth defects or other reproductive harm.

International Regulations: As follows -**CANADIAN WHMIS:**

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

WHMIS Class Consumer Commodity

16. Other Information

Revision Date: 6/19/2015 Supersedes Date: 12/27/2011

Reason for revision: HazCom2012/GHS Conversion

Datasheet produced by: Regulatory Department

HMIS Ratings:

| | | | | | | | |
|---------|---|---------------|---|-------------|---|----------------------|---|
| Health: | 1 | Flammability: | 3 | Reactivity: | 0 | Personal Protection: | X |
|---------|---|---------------|---|-------------|---|----------------------|---|

VOC Less Water Less Exempt Solvent, g/L:163.7

VOC Material, g/L:108

VOC as Defined by California Consumer Product Regulation, Wt/Wt%:8.5

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

| | |
|------|--|
| H225 | Highly flammable liquid and vapour. |
| H270 | May cause or intensify fire; oxidiser. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H331 | Toxic if inhaled. |
| H332 | Harmful if inhaled. |
| H336 | May cause drowsiness or dizziness. |

Icons for GHS Pictograms shown in Section 3 describing each ingredient:

| | |
|-------|---|
| GHS02 |  |
| GHS03 |  |
| GHS05 |  |
| GHS06 |  |
| GHS07 |  |

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

DAP believes the data and statements contained herein are accurate as of the date hereof. They are offered in good faith as typical values and not as a product specification. NO WARRANTY OF MERCHANTABILITY, WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE WITH REGARD TO THE INFORMATION HEREIN PROVIDED OR THE PRODUCT TO WHICH THE INFORMATION REFERS. Since this document is intended only as a guide to the appropriate use and precautionary handling of the referenced product by a properly trained person, it is therefore the responsibility of the user to (i) review the recommendations with due consideration for the specific context of the intended use and (ii) determine if they are appropriate.