

	<h1>Safety Data Sheet</h1>	<p><b>24 Hour Emergency Phone Numbers</b>  <b>Medical/Poison Control:</b>  <b>In U.S.: Call 1-800-222-1222</b></p> <p><b>Outside U.S.: Call your local poison control center</b></p> <p><b>Transportation/National Response Center:</b></p> <p style="text-align: center;"><b>1-800-535-5053</b>  <b>1-352-323-3500</b></p> <p>NOTE: The National ResponseCenter emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.</p>
<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 SDS are further described in Section 16.</p>		

## 1. Identification

<b>Product Name:</b>	Touch N Seal Low Density 1.0 PCF Standard Open Cell 2K PU Foam Kit B Side	<b>Revision Date:</b>	11/29/2018
<b>Product UPC Number:</b>	075650012000, 075650203002, 075650210000	<b>Supersedes Date:</b>	10/12/2018
<b>Manufacturer:</b>	DAP Products Inc. 2400 Boston Street Suite 200 Baltimore, MD 21224-4723 888-327-8477 (non - emergency matters)	<b>Product Use/Class:</b>	Foam Sealant/Adhesive
	SDS Coordinator: MSDS@dap.com	<b>SDS No:</b>	00047136508
	Emergency Telephone: 1-800-535-5053, 1-352-323-3500, 1-800-222-1222	<b>Preparer:</b>	Regulatory and Environmental Affairs

## 2. Hazards Identification

### GHS Classification

Acute Tox. 4 Inhalation, Comp. Gas, STOT SE 3 NE

### Symbol(s) of Product



### Signal Word

Warning

### Possible Hazards

78% of the mixture consists of ingredients of unknown acute toxicity

### GHS HAZARD STATEMENTS

Compressed Gas	H280	Contains gas under pressure; may explode if heated.
Acute Toxicity, Inhalation, category 4	H332	Harmful if inhaled.

STOT, single exposure, category 3, NE H336

May cause drowsiness or dizziness.

**GHS LABEL PRECAUTIONARY STATEMENTS**

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P410+P403	Protect from sunlight. Store in a well-ventilated place.
P501	Dispose of contents/container to ...

**3. Composition/Information on Ingredients**

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Poly[oxy(methyl-1,2-ethanediyl)], .alpha.,.alpha.',.alpha."-(nitriлотri-2,1-ethanediyl)tris [.omega.-hydroxy- 1,1,1,2-Tetrafluoroethane (HFC-134A)	37208-53-0	30-60	No Information	No Information
Oxirane, methyl-, polymer with oxirane, ether with 2,6-bis[[bis(2-hydroxyethyl)amino]methyl]-4- nonylphenol (5:1)	811-97-2	10-30	GHS07	H336
2-Butyne-1,4-diol, polymer with (chloromethyl) oxirane, brominated, dehydrochlorinated, methoxylated	52019-35-9	5-10	No Information	No Information
Tris(2-chloro-1-methylethyl) phosphate	68441-62-3	5-10	No Information	No Information
1,2-trans-Dichloroethylene	13674-84-5	5-10	GHS07	H302-332
Poly(oxy-1,2-ethanediyl), alpha(4-nonylphenyl) omega- hydroxy, branched	156-60-5	1-5	GHS02-GHS07	H225-302-332
	127087-87-0	1-5	GHS07	H302-332

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

**4. First-aid Measures**

**FIRST AID - INHALATION:** 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:** Wash skin with soap and water for 15 minutes. Get medical aid if symptoms persist. 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.

**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. Containers may explode if exposed to extreme heat.

**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:** Alcohol Foam, Carbon Dioxide, Dry Chemical, Water Fog

**6. Accidental Release Measures**

**ENVIRONMENTAL MEASURES:** No Information

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. 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. Spilled material

becomes very slippery when wet. Sweep-up to prevent slipping hazard.

## 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. Keep containers away from excessive heat and freezing. Keep containers away from moisture. Wear appropriate personal protection. Avoid breathing vapor and contact with eyes, skin and clothing. Use only with adequate ventilation. Ensure fresh air entry during application and drying. Do not breathe dust. While dry sanding, use of a NIOSH-approved dust mask is recommended. Wash thoroughly after handling. Do not re-use empty containers.

**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>
Poly[oxy(methyl-1,2-ethanediyl)], .alpha.,.alpha.',.alpha."-(nitrilotri-2,1-ethanediyl)tris[.omega.-hydroxy-1,1,1,2-Tetrafluoroethane (HFC-134A)	N.E.	N.E.	N.E.	N.E.
Oxirane, methyl-, polymer with oxirane, ether with 2,6-bis[[bis(2-hydroxyethyl) amino]methyl]-4-nonylphenol (5:1)	N.E.	N.E.	N.E.	N.E.
2-Butyne-1,4-diol, polymer with (chloromethyl)oxirane, brominated, dehydrochlorinated, methoxylated	N.E.	N.E.	N.E.	N.E.
Tris(2-chloro-1-methylethyl) phosphate	N.E.	N.E.	N.E.	N.E.
1,2-trans-Dichloroethylene	200 ppm TWA	N.E.	N.E.	N.E.
Poly(oxy-1,2-ethanediyl), alpha(4-nonylphenyl) omega- hydroxy, branched	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:** When concentrations exceed the exposure limits specified, use of a NIOSH-approved dust, mist and fume respirator is recommended. Where the protection factor of the respirator may be exceeded, use of a full facepiece, supplied air, or Self Contained Breathing Apparatus (SCBA) may be necessary. No personal respiratory protective equipment normally required. If concentrations exceed the exposure limits specified, use of a NIOSH-approved supplied air respirator is recommended. Where the protection factor is exceeded, use of a Self Contained Breathing Apparatus (SCBA) may be necessary. A respiratory protection program that meets the OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.



**SKIN PROTECTION:** Wear nitrile, neoprene, or natural rubber gloves. Wear protective gloves.



**EYE PROTECTION:** Goggles or safety glasses with side shields.



**OTHER PROTECTIVE EQUIPMENT:** Provide eyewash. Chemical-resistant apron.



**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

<b>Appearance:</b>	Cream	<b>Physical State:</b>	Foam
<b>Odor:</b>	Slight Solvent	<b>Odor Threshold:</b>	Not Established
<b>Density, g/cm<sup>3</sup>:</b>	0.35 - 0.44	<b>pH:</b>	Not Applicable
<b>Freeze Point, °C:</b>	Not Established	<b>Viscosity (mPa.s):</b>	Not Applicable
<b>Solubility in Water:</b>	No Information	<b>Partition Coeff., n-octanol/water:</b>	Not Established
<b>Decomposition Temperature, °C:</b>	Not Established	<b>Explosive Limits, %:</b>	N.E. - N.E.
<b>Boiling Range, °C:</b>	N.E. - N.E.	<b>Auto-Ignition Temperature, °C</b>	Not Established
<b>Minimum Flash Point, °C:</b>	Not Applicable	<b>Vapor Pressure, mmHg:</b>	Not Established
<b>Evaporation Rate:</b>	Faster Than n-Butyl Acetate	<b>Flash Method:</b>	Not Applicable
<b>Vapor Density:</b>	Heavier Than Air	<b>Flammability, NFPA:</b>	Non-Flammable
<b>Combustible Dust:</b>	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:** Do not breathe dust. Avoid dust formation in confined areas. Excessive heat and freezing.

**INCOMPATIBILITY:** Incompatible with strong bases and oxidizing agents. Reacts with isocyanates.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Normal decomposition products, i.e., CO<sub>x</sub>, NO<sub>x</sub>.

## 11. Toxicological Information

**EFFECT OF OVEREXPOSURE - INHALATION:** Vapors may be irritating to eyes, nose, throat, and lungs. Inhalation of high concentrations may cause headache, nausea, and dizziness. Prolonged, repeated, or high exposures may cause irritation to the respiratory tract (nose, mouth, mucous membranes).

**EFFECT OF OVEREXPOSURE - SKIN CONTACT:** May cause skin irritation.

**EFFECT OF OVEREXPOSURE - EYE CONTACT:** Direct eye contact may cause irritation. May cause eye irritation. Mist and vapors may cause eye irritation. Foam contact can cause physical damage due to adhesive character.

**EFFECT OF OVEREXPOSURE - INGESTION:** May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**CARCINOGENICITY:** No Information

**EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS:** Prolonged or repeated inhalation of dust may cause lung damage.

**PRIMARY ROUTE(S) OF ENTRY:** Skin Contact, Inhalation, Eye 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>
37208-53-0	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.,.alpha.,.alpha."-(nitrotri-2,1-ethanediyl)tris[.omega.-hydroxy-	N.I.	N.I.	N.I.
811-97-2	1,1,1,2-Tetrafluoroethane (HFC-134A)	N.I.	N.I.	N.I.
52019-35-9	Oxirane, methyl-, polymer with oxirane, ether with 2,6-bis[[bis(2-hydroxyethyl)amino]methyl]-4-nonylphenol (5:1)	N.I.	N.I.	N.I.
68441-62-3	2-Butyne-1,4-diol, polymer with (chloromethyl) oxirane, brominated, dehydrochlorinated, methoxylated	N.I.	N.I.	N.I.
13674-84-5	Tris(2-chloro-1-methylethyl) phosphate	1500 mg/kg Rat	>5000 mg/kg Rabbit	N.I.

156-60-5	1,2-trans-Dichloroethylene	1235 mg/kg Rat	5000 mg/kg Rabbit	N.I.
127087-87-0	Poly(oxy-1,2-ethanediy), alpha(4-nonylphenyl) omega- hydroxy, branched	1310 mg/kg Rat	>2000 mg/kg Rabbit	N.I.

N.I. = No Information

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** No Information

## 13. Disposal Information

**DISPOSAL INFORMATION:** 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. Liquids cannot be disposed of in a landfill. Do not dispose of waste into sewer. Do not re-use empty containers. 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.

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. 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. Spilled material becomes very slippery when wet. Sweep-up to prevent slipping hazard.

## 14. Transport Information

<b>DOT UN/NA Number:</b>	UN3500
<b>DOT Proper Shipping Name:</b>	Chemical under pressure, n.o.s.
<b>DOT Technical Name:</b>	(Fluorinated hydrocarbon, Nitrogen)
<b>DOT Hazard Class:</b>	2.2 Non-flamm compressed gas
<b>Hazard SubClass:</b>	N.A.
<b>Packing Group:</b>	N.A.

## 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 Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

### 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.

**16. Other Information**

**Revision Date:** 11/29/2018 **Supersedes Date:** 10/12/2018  
**Reason for revision:** Substance and/or Product Properties Changed in Section(s):  
 01 - Product Information  
 05 - Flammability Information  
 11 - Toxicological Information  
 16 - Other Information

**Datasheet produced by:** Regulatory Department

**HMIS Ratings:**

Health:	Flammability:	Reactivity:	Personal Protection:
1	1	2	X

**VOC Less Water Less Exempt Solvent, g/L:** 43.5

**VOC Material, g/L:** 14

**VOC as Defined by California Consumer Product Regulation, Wt/Wt%:** 4.04

**VOC Actual, Wt/Wt%:** 4.0

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

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.

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

GHS02



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.