1. Identification

Product Name: Touch N Seal Quick Cure Cylinder Reduced Expansion PU Foam Sealant

Product UPC Number: 075650000632, 075650000656

Manufacturer: DAP Products Inc.
2400 Boston Street Suite 200
Baltimore, MD 21224-4723
888-327-8477 (non-emergency matters)

SDS Coordinator: MSDS@dap.com

Emergency Telephone: 1-800-535-5053,
1-352-323-3500, 1-800-222-1222

Revision Date: 10/23/2019

Supercedes Date: 11/29/2018

Product Use/Class: Foam Sealant/Adhesive

SDS No: 00047367001

Preparer: Regulatory and Environmental Affairs

2. Hazards Identification

GHS Classification
Acute Tox. 4 Inhalation, Carc. 2, Comp. Gas, Eye Irrit. 2, Resp. Sens. 1, Skin Irrit. 2, Skin Sens. 1, STOT RE 2, STOT SE 3 NE, STOT SE 3 RTI

Symbol(s) of Product

Signal Word
Danger

Possible Hazards
26% of the mixture consists of ingredients of unknown acute toxicity

GHS HAZARD STATEMENTS
Compressed Gas H280 Contains gas under pressure; may explode if heated.
Skin Irritation, category 2 H315 Causes skin irritation.
Skin Sensitizer, category 1  
Eye Irritation, category 2  
Acute Toxicity, Inhalation, category 4  
Respiratory Sensitizer, category 1  
STOT, single exposure, category 3, RTI  
STOT, single exposure, category 3, NE  
Carcinogenicity, category 2  
STOT, repeated exposure, category 2  

STOT, repeated exposure, category 2  

H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H351 Suspected of causing cancer.  
H335 May cause drowsiness or dizziness.  
H337 If eye irritation persists: Get medical advice/attention.  
H332 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.  
H302+P352 IF ON SKIN: Wash with plenty of soap and water.  
H304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
H305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
H308+P313 IF exposed or concerned: Get medical advice/attention.  
H312 Call a POISON CENTER or doctor/physician if you feel unwell.  
H321 Specific treatment (see ... on this label).  
H332+P313 If skin irritation occurs: Get medical advice/attention.  
H333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
H337+P313 If eye irritation persists: Get medical advice/attention.  
H342+P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.  
H362 Take off contaminated clothing.  
H403+P233 Store in a well-ventilated place. Keep container tightly closed.  
H405 Store locked up.  
H410+P403 Protect from sunlight. Store in a well-ventilated place.  
H501 Dispose of contents/container to ...  

GHS SDS PRECAUTIONARY STATEMENTS  
P363 Wash contaminated clothing before reuse.  

3. Composition/Information on Ingredients  

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Wt. %</th>
<th>GHS Symbols</th>
<th>GHS Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymeric diphenylmethane diisocyanate</td>
<td>9016-87-9</td>
<td>10-30</td>
<td>GHS07</td>
<td>H332</td>
</tr>
<tr>
<td>1,1,1,2-Tetrafluoroethane (HFC-134A)</td>
<td>811-97-2</td>
<td>10-30</td>
<td>GHS07</td>
<td>H336</td>
</tr>
<tr>
<td>4,4’-Methylene diphenyl diisocyanate (MDI)</td>
<td>101-68-8</td>
<td>7-13</td>
<td>GHS07-GHS08</td>
<td>H315-317-319-332-334-335-351-373</td>
</tr>
<tr>
<td>Propan-2-oxide, 1,3-dichloro-, phosphate</td>
<td>13674-87-8</td>
<td>7-13</td>
<td>GHS08</td>
<td>H351</td>
</tr>
<tr>
<td>Propylene glycols</td>
<td>25322-69-4</td>
<td>5-10</td>
<td>No Information</td>
<td>No Information</td>
</tr>
<tr>
<td>Tris(2-chloro-1-methyleryl) phosphate</td>
<td>13674-84-5</td>
<td>3-7</td>
<td>GHS07</td>
<td>H302-332</td>
</tr>
<tr>
<td>1,2-trans-Dichloroethylene</td>
<td>156-60-5</td>
<td>1-5</td>
<td>GHS02-GHS07</td>
<td>H225-302-332</td>
</tr>
</tbody>
</table>

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

4. First-aid Measures  

FIRST AID - INHALATION: No Information  
FIRST AID - 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). 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: No Information  
FIRST AID - INGESTION: No Information
5. Fire-fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may burst if exposed to extreme heat or fire.

SPECIAL FIREFIGHTING PROCEDURES: No Information

EXTINGUISHING MEDIA: Alcohol Foam, Carbon Dioxide, Dry Chemical, Water Spray or Fog, Water

6. Accidental Release Measures

ENVIRONMENTAL MEASURES: No Information

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: 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: 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. Do not breathe dust. While dry sanding, use of a NIOSH-approved dust mask is recommended. Contains isocyanates. See information supplied by the manufacturer. Persons allergic to isocyanates, and particularly those suffering from asthma or other respiratory conditions, should not work with isocyanates.

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.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV-TWA</th>
<th>ACGIH TLV STEL</th>
<th>OSHA PEL-TWA</th>
<th>OSHA PEL-CEILING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymeric diphenylmethane disocyanate</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>1,1,1,2-Tetrafluoroethane (HFC-134A)</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>4,4'-Methylene diphenyl diisocyanate (MDI)</td>
<td>0.005 ppm TWA</td>
<td>N.E.</td>
<td>N.E.</td>
<td>0.02 ppm Ceiling, 0.2 mg/m3 Ceiling</td>
</tr>
<tr>
<td>Propan-2-oxide, 1,3-dichloro-, phosphate</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>Propylene glycols</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>Tris(2-chloro-1-methylethyl) phosphate</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>1,2-trans-Dichloroethylene</td>
<td>200 ppm TWA</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
</tbody>
</table>

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.

SKIN PROTECTION: Wear protective gloves.

EYE PROTECTION: No Information

OTHER PROTECTIVE EQUIPMENT: No Information
9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Cream</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight Solvent</td>
</tr>
<tr>
<td>Density, g/cm³</td>
<td>1.21 - 1.21</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not Established</td>
</tr>
<tr>
<td>Physical State</td>
<td>Foam</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not Established</td>
</tr>
<tr>
<td>pH</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Viscosity (mPa.s)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Partition Coeff., n-octanol/water</td>
<td>Not Established</td>
</tr>
<tr>
<td>Explosive Limits, %</td>
<td>Not Established</td>
</tr>
<tr>
<td>Auto-Ignition Temperature, °C</td>
<td>Not Established</td>
</tr>
<tr>
<td>Vapor Pressure, mmHg</td>
<td>Not Established</td>
</tr>
<tr>
<td>Flash Method</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Flammability, NFPA</td>
<td>Non-Flammable</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Faster Than n-Butyl Acetate</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Heavier Than Air</td>
</tr>
<tr>
<td>Combustible Dust</td>
<td>Does not support combustion</td>
</tr>
</tbody>
</table>

(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: No Information

CONDITIONS TO AVOID: Do not breathe dust. Avoid dust formation in confined areas. Excessive heat and freezing.

INCOMPATIBILITY: No Information

HAZARDOUS DECOMPOSITION PRODUCTS: No Information

11. Toxicological Information

EFFECT OF OVEREXPOSURE - INHALATION: Prolonged, repeated, or high exposures may cause irritation to the respiratory tract (nose, mouth, mucous membranes).

EFFECT OF OVEREXPOSURE - SKIN CONTACT: No Information

EFFECT OF OVEREXPOSURE - EYE CONTACT: 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: No Information

CARCINOGENICITY: Limited evidence in experimental animals.

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

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Chemical Name</th>
<th>Oral LD₅₀</th>
<th>Dermal LD₅₀</th>
<th>Vapor LC₅₀</th>
</tr>
</thead>
<tbody>
<tr>
<td>9016-87-9</td>
<td>Polymeric diphenylmethane diisocyanate</td>
<td>49000 mg/kg Rat</td>
<td>&gt;9400 mg/kg Rabbit</td>
<td>N.I.</td>
</tr>
<tr>
<td>811-97-2</td>
<td>1,1,1,2-Tetrafluoroethane (HFC-134A)</td>
<td>N.I.</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
<tr>
<td>101-68-8</td>
<td>4,4’-Methylene diphenyl diisocyanate (MDI)</td>
<td>31600 mg/kg Rat</td>
<td>9400 mg/kg Rabbit</td>
<td>N.I.</td>
</tr>
<tr>
<td>13674-87-8</td>
<td>Propan-2-oxide, 1,3-dichloro-, phosphate</td>
<td>3160 mg/kg Rat</td>
<td>&gt;4640 mg/kg Rabbit</td>
<td>N.I.</td>
</tr>
<tr>
<td>25322-69-4</td>
<td>Propylene glycols</td>
<td>3750 mg/kg Rat</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
<tr>
<td>13674-84-5</td>
<td>Tris(2-chloro-1-methylethyl) phosphate</td>
<td>1500 mg/kg Rat</td>
<td>&gt;5000 mg/kg Rabbit</td>
<td>N.I.</td>
</tr>
<tr>
<td>156-60-5</td>
<td>1,2-trans-Dichloroethylene</td>
<td>1235 mg/kg Rat</td>
<td>5000 mg/kg Rabbit</td>
<td>N.I.</td>
</tr>
</tbody>
</table>
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. 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: 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.

14. Transport Information

DOT UN/NA Number: UN3500
DOT Proper Shipping Name: Chemical under pressure, n.o.s.
DOT Technical Name: (Fluorinated hydrocarbon, Nitrogen)
DOT Hazard Class: 2.2 Non-flammable compressed gas
Hazard SubClass: N.A.
Packing Group: 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: 10/23/2019  
Supersedes Date: 11/29/2018

Reason for revision:  
Revision Description Changed  
Product Composition Changed  
Substance and/or Product Properties Changed in Section(s):  
01 - Product Information  
05 - Flammability Information  
08 - Exposure Controls/Personal Protection  
09 - Physical & Chemical Information  
11 - Toxicological Information  
16 - Other Information  
Substance Chemical Name Changed  
Revision Statement(s) Changed

Datasheet produced by: Regulatory Department

HMIS Ratings:

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>2*</td>
<td>1</td>
<td>3</td>
<td>X</td>
</tr>
</tbody>
</table>

VOC Less Water Less Exempt Solvent, g/L: 48.9
VOC Material, g/L: 40
VOC as Defined by California Consumer Product Regulation, Wt/Wt%: 3.37
VOC Actual, Wt/Wt%: 3.3

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

H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.
H373 May cause damage to organs through prolonged or repeated exposure.

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

GHS02

GHS07

GHS08

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