1. Identification

Product Name: Touch N Seal Quick Cure Cylinder High Yield PU Foam Sealant

Product UPC Number: 075650000625, 075650000649

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: 10/22/2019

Supercedes Date: 11/29/2018

Product Use/Class: Foam Sealant/Adhesive

SDS No: 00047365001

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
24% 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.

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.
Skin Sensitizer, category 1  
H317  
May cause an allergic skin reaction.

Acute Toxicity, Inhalation, category 4  
H332  
Harmful if inhaled.

Respiratory Sensitizer, category 1  
H334  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.

STOT, single exposure, category 3, RTI  
H335  
May cause respiratory irritation.

STOT, single exposure, category 3, NE  
H336  
May cause drowsiness or dizziness.

Carcinogenicity, category 2  
H351  
Suspected of causing cancer.

STOT, repeated exposure, category 2  
H373  
May cause damage to organs through prolonged or repeated exposure.

GHS LABEL PRECAUTIONARY STATEMENTS
P201  
Obtain special instructions before use.

P260  
Do not breathe dust/fume/gas/mist/vapours/spray.

P264  
Wash thoroughly after handling.

P271  
Use only outdoors or in a well-ventilated area.

P272  
Contaminated work clothing should not be allowed out of the workplace.

P280  
Wear protective gloves/protective clothing/eye protection/face protection.

P281  
Use personal protective equipment as required.

P284  
[Nin case of inadequate ventilation] wear respiratory protection.

P302+P352  
IF ON SKIN: Wash with plenty of soap and water.

P304+P340  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313  
IF exposed or concerned: Get medical advice/attention.

P312  
Call a POISON CENTER or doctor/physician if you feel unwell.

P321  
Specific treatment (see … on this label).

P332+P313  
If skin irritation occurs: Get medical advice/attention.

P333+P313  
If skin irritation or rash occurs: Get medical advice/attention.

P337+P313  
If eye irritation persists: Get medical advice/attention.

P342+P311  
If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

P362  
Take off contaminated clothing.

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 ...

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>15-40</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>10-30</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-methyl ethyl) 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 diisocyanate</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><strong>Appearance:</strong></td>
<td>Cream</td>
</tr>
<tr>
<td><strong>Odor:</strong></td>
<td>Slight Solvent</td>
</tr>
<tr>
<td><strong>Density, g/cm³:</strong></td>
<td>1.21 - 1.21</td>
</tr>
<tr>
<td><strong>Freeze Point, °C:</strong></td>
<td>Not Established</td>
</tr>
<tr>
<td><strong>Solubility in Water:</strong></td>
<td>No Information</td>
</tr>
<tr>
<td><strong>Decomposition Temperature, °C:</strong></td>
<td>Not Established</td>
</tr>
<tr>
<td><strong>Boiling Range, °C:</strong></td>
<td>N.E. - N.E.</td>
</tr>
<tr>
<td><strong>Minimum Flash Point, °C:</strong></td>
<td>Not Applicable</td>
</tr>
<tr>
<td><strong>Evaporation Rate:</strong></td>
<td>Faster Than n-Butyl Acetate</td>
</tr>
<tr>
<td><strong>Vapor Density:</strong></td>
<td>Heavier Than Air</td>
</tr>
<tr>
<td><strong>Combustible Dust:</strong></td>
<td>Does not support combustion</td>
</tr>
<tr>
<td><strong>Physical State:</strong></td>
<td>Foam</td>
</tr>
<tr>
<td><strong>Odor Threshold:</strong></td>
<td>Not Established</td>
</tr>
<tr>
<td><strong>pH:</strong></td>
<td>Not Applicable</td>
</tr>
<tr>
<td><strong>Viscosity (mPa.s):</strong></td>
<td>Not Established</td>
</tr>
<tr>
<td><strong>Partition Coeff., n-octanol/water:</strong></td>
<td>Not Established</td>
</tr>
<tr>
<td><strong>Explosive Limits, %:</strong></td>
<td>N.E. - N.E.</td>
</tr>
<tr>
<td><strong>Auto-Ignition Temperature, °C:</strong></td>
<td>Not Established</td>
</tr>
<tr>
<td><strong>Vapor Pressure, mmHg:</strong></td>
<td>Not Established</td>
</tr>
<tr>
<td><strong>Flash Method:</strong></td>
<td>Not Applicable</td>
</tr>
<tr>
<td><strong>Flammability, NFPA:</strong></td>
<td>Non-Flammable</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-methyl)ethyl) 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

<table>
<thead>
<tr>
<th>DOT UN/NA Number:</th>
<th>UN3500</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT Proper Shipping Name:</td>
<td>Chemical under pressure, n.o.s.</td>
</tr>
<tr>
<td>DOT Technical Name:</td>
<td>(Fluorinated hydrocarbon, Nitrogen)</td>
</tr>
<tr>
<td>DOT Hazard Class:</td>
<td>2.2 Non-flammable gas</td>
</tr>
<tr>
<td>Hazard SubClass:</td>
<td>N.A.</td>
</tr>
<tr>
<td>Packing Group:</td>
<td>N.A.</td>
</tr>
</tbody>
</table>

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: 10/22/2019  
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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