1. Identification

Product Name: Touch N Seal No Warp Gun Foam 20 OZ
Product UPC Number: 075650297124
Manufacturer: DAP Global Inc.
2400 Boston Street Suite 200
Baltimore, MD 21224-4723
888-327-8477 (non-emergency matters)
SDS Coordinator: MSDS@dap.com
Emergency Telephone:
Transportation: 1-800-535-5053
1-352-323-3500
Poison Control: 1-800-222-1222
Revision Date: 9/2/2022
Supercedes Date: 4/12/2022
Product Use/Class: Foam Sealant/Adhesive
SDS No: 4706401
Preparer: Regulatory and Environmental Affairs

2. Hazards Identification

EMERGENCY OVERVIEW: Contents under pressure. Do not puncture can. Exposure to temperatures above 120 °F may cause can to rupture. The primary adverse health effects of this product are related to the Polymeric Isocyanate (MDI) component. Therefore, adequate ventilation should be provided to avoid exceeding the exposure limits of these components (See Section 8). MDI vapor can irritate the respiratory tract causing runny nose, sore throat, coughing and reduce lung function.
GHS Classification
Fl Aer, 1, Gas under Pressure, Comp. Gas

Symbol(s) of Product

Signal Word
Danger

Possible Hazards
47% of the mixture consists of ingredients of unknown acute toxicity

GHS HAZARD STATEMENTS
Flammable Aerosol, category 1 H222 Extremely flammable aerosol.
Compressed Gas H280 Contains gas under pressure; may explode if heated.
Acute Toxicity, Inhalation, category 4 H332 Harmful if inhaled.

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.
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.
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

<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>Diphenylmethane diisocyanate</td>
<td>26447-40-5</td>
<td>10-30</td>
<td>No Information</td>
<td>No Information</td>
</tr>
<tr>
<td>Tris(2-chloro-1-methylethyl) phosphate</td>
<td>13674-84-5</td>
<td>10-30</td>
<td>GHS07</td>
<td>H302-332</td>
</tr>
<tr>
<td>4,4’-Methylene diphenyl diisocyanate (MDI)</td>
<td>101-68-8</td>
<td>7-13</td>
<td>GHS07</td>
<td>H332</td>
</tr>
<tr>
<td>Propanol, [(1-methyl-1,2-ethanediyl)bis(oxy)]bis-, polymer with 1,1’-methylenebis[isocyanatobenzene] and oxybis[propanol]</td>
<td>68092-58-0</td>
<td>7-13</td>
<td>No Information</td>
<td>No Information</td>
</tr>
<tr>
<td>Dimethyl ether</td>
<td>115-10-6</td>
<td>3-7</td>
<td>No Information</td>
<td>No Information</td>
</tr>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>1-5</td>
<td>GHS02-GHS07</td>
<td>H220-332-336</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>1-5</td>
<td>GHS07</td>
<td>H332-336</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: 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. Empty containers retain product residue (liquid and/or vapor). Vapor can ignite potentially causing an explosion.

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 Spray or Fog, Water

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. 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. Scrape up dried material and place into containers. 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. Remove all sources of ignition. Make sure nozzle is directed away from yourself prior to discharge. Keep away from open flames, hot surfaces and sources of ignition. Avoid heat, sparks and open flames. 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. Empty containers retain product residue (liquid and/or vapor). Vapor can ignite potentially causing an explosion. Wash thoroughly after handling. 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: Store away from sources of ignition and heat. Protect material from direct sunlight. Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store at temperatures above 120 °F (49 °C). Store containers away from excessive heat and freezing. Store away from caustics and oxidizers.

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>Diphenylmethane diisocyanate</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>0.02 ppm Ceiling, 0.2 mg/m³ Ceiling</td>
</tr>
<tr>
<td>Tris(2-chloro-1-methylethyl) phosphate 4,4'-Methylene diphenyl diisocyanate (MDI)</td>
<td>N.E.</td>
<td>0.005 ppm TWA</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>Methylene bisphenyl isocyanate (MDI)</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>Propanol, [(1-methyl-1,2-ethanediyl)bis (oxy)]bis-, polymer with 1,1'-methylenebis [isocyanatobenzene] and oxybis [propanol]</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>Dimethyl ether</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>Isobutane</td>
<td>N.E.</td>
<td>1000 ppm STEL explosion hazard Butane, isomers</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>Propane</td>
<td>See Appendix F: Minimal Oxygen Content, explosion hazard</td>
<td>N.E.</td>
<td>1000 ppm TWA, 1800 mg/m³ TWA</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:** 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 solvent impervious gloves.

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

**OTHER PROTECTIVE EQUIPMENT:** Provide eyewash and solvent impervious apron if body contact may occur.

**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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White</td>
</tr>
<tr>
<td>Odor</td>
<td>Solvent</td>
</tr>
<tr>
<td>Density, g/cm³</td>
<td>1.04 - 1.04</td>
</tr>
<tr>
<td><strong>Freeze Point, °C:</strong></td>
<td>Not Established</td>
</tr>
<tr>
<td><strong>Solubility in Water:</strong></td>
<td>Not Established</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.A. - N.A.</td>
</tr>
<tr>
<td><strong>Flash Point, °C:</strong></td>
<td>N.A.</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 Applicable</td>
</tr>
<tr>
<td><strong>Partition Coeff., n-octanol/water:</strong></td>
<td>Not Established</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>Aerosol Level II</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:** Stable under recommended storage conditions.

**CONDITIONS TO AVOID:** Excessive heat and freezing. Keep away from open flames, hot surfaces and sources of ignition. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

**INCOMPATIBILITY:** Open flames, hot surfaces and sources of ignition. Incompatible with strong bases and oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Normal decomposition products, i.e., COx, NOx.

### 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.
EFFECT OF OVEREXPOSURE - SKIN CONTACT: May cause sensitization by skin contact. May cause localized irritation, reddening or swelling. Prolonged or repeated exposure may lead to sensitization and/or contact dermatitis. This product has strong adhesive-like characteristics and will adhere aggressively to skin and other surfaces. If accidental contact occurs, follow the appropriate first-aid procedure described in Section 4 of this SDS.

EFFECT OF OVEREXPOSURE - EYE CONTACT: 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: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

CARCINOGENICITY: Limited evidence in experimental animals.

EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS: Repeated or prolonged exposure may cause respiratory system damage. Repeated contact may cause allergic reactions in very susceptible persons.

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>26447-40-5</td>
<td>Diphenylmethane diisocyanate</td>
<td>&gt;10000 mg/kg Rat</td>
<td>&gt;10000 mg/kg Rabbit N.I.</td>
<td></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 N.I.</td>
<td></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 N.I.</td>
<td></td>
</tr>
<tr>
<td>68092-58-0</td>
<td>Propanol, [(1-methyl-1,2-ethanediyl)bis(oxy)] bis-, polymer with 1,1'-methylenebis [isocyanatobenzene] and oxybis[propanol]</td>
<td>N.I.</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
<tr>
<td>115-10-6</td>
<td>Dimethyl ether</td>
<td>&gt;2000 mg/kg</td>
<td>&gt;2000 mg/kg</td>
<td>N.I.</td>
</tr>
<tr>
<td>75-28-5</td>
<td>Isobutane</td>
<td>N.I.</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
<tr>
<td>74-98-6</td>
<td>Propane</td>
<td>Not an exposure route</td>
<td>Not an exposure route</td>
<td>N.I.</td>
</tr>
</tbody>
</table>

N.I. = No Information

12. Ecological Information

ECOLOGICAL INFORMATION: No Information

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. Liquids cannot be disposed of in a landfill. 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.

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. 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. Scrape up dried material and place into containers. 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: UN1950
DOT Proper Shipping Name: Aerosols, flammable
DOT Technical Name: N.A.
DOT Hazard Class: 2.1 Flammable gas
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:

Gas under pressure, Acute Toxicity (any route of exposure)

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:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,4’-Methylene diphenyl diisocyanate (MDI)</td>
<td>101-68-8</td>
</tr>
</tbody>
</table>

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: 9/2/2022
Supersedes Date: 4/12/2022
Reason for revision: Substance and/or Product Properties Changed in Section(s):
02 - Hazards Identification
15 - Regulatory Information
Revision Statement(s) Changed
Datasheet produced by: Regulatory Department
HMIS Ratings:
Reactivity: 2*
Personal Protection: 4
VOC Less Water Less Exempt Solvent, g/L: 134.3
VOC Material, g/L: 134
VOC as Defined by California Consumer Product Regulation, Wt/Wt%: 12.93
VOC Actual, Wt/Wt%: 12.9
Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H220 Extremely flammable gas.
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.