1. Identification

Product Name: DAP Ultra Clear Flexible Waterproof Sealant
Product UPC Number: 070798183889
Manufactured For: DAP Global Inc.
2400 Boston Street Suite 200
Baltimore, MD 21224-4723
888-327-8477 (non-emergency matters)
SDS Coordinator: MSDS@dap.com

Revision Date: 4/12/2022
Supercedes Date: 12/29/2021
Product Use/Class: Caulking Compound
SDS No: 1032704
Preparer: Regulatory and Environmental Affairs

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

2. Hazards Identification

EMERGENCY OVERVIEW: DANGER! Flammable liquid and vapor. Vapors may cause flash fire or explosion. Vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Keep container closed and away from heat, sparks, and open flame. Store away from caustics and oxidizers. Avoid breathing vapor. Avoid skin and eye contact. Use only with adequate ventilation. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. Harmful or fatal if swallowed. May affect the brain or nervous system causing dizziness, headache or nausea.
GHS Classification
Acute Tox. 4 Inhalation, Flam. Liq. 3, Skin Irrit. 2

Symbol(s) of Product

Signal Word
Warning

Possible Hazards
38% of the mixture consists of ingredients of unknown acute toxicity

GHS HAZARD STATEMENTS
Flammable Liquid, category 3 H226 Flammable liquid and vapour.
Skin Irritation, category 2 H315 Causes skin irritation.
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.
P233 Keep container tightly closed.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
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.
P321 Specific treatment (see ... on this label).
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362 Take off contaminated clothing.
P370+P378 In case of fire: Use ... to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container.

GHS SDS PRECAUTIONARY STATEMENTS
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/.../ equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.

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>Hydrogenated petroleum resin</td>
<td>69430-35-9</td>
<td>15-40</td>
<td>No Information</td>
<td>No Information</td>
</tr>
<tr>
<td>Xylenes</td>
<td>1330-20-7</td>
<td>10-30</td>
<td>GHS02-GHS07</td>
<td>H226-312-315-332</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>100-41-4</td>
<td>5-10</td>
<td>GHS02-GHS07-GHS08</td>
<td>H225-304-332-373</td>
</tr>
<tr>
<td>Bis(1,2,2,6,6-pentamethyl).seb</td>
<td>41556-26-7</td>
<td>1-5</td>
<td>No Information</td>
<td>No Information</td>
</tr>
<tr>
<td>Methyl(1,2,2,6,6-penta...seb</td>
<td>82919-37-7</td>
<td>0.5-1.5</td>
<td>No Information</td>
<td>No Information</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 inhaled, remove to fresh air. If breathing is difficult, leave the area to obtain fresh air. If continued breathing difficulty is experienced, get medical attention immediately. NOTE: Only trained personnel should administer artificial respiration or give oxygen.

FIRST AID - SKIN CONTACT: Wash skin with soap and water for 15 minutes. Get medical aid if symptoms persist. Remove and
First Aid - Eye Contact: If material gets into eyes, flush with water immediately for 15 minutes. Consult a physician.

First Aid - Ingestion: If swallowed, DO NOT INDUCE VOMITING. Get medical attention immediately.

5. Fire-fighting Measures

Unusual Fire and Explosion Hazards: Eliminate sources of ignition: heat, electrical equipment, sparks and flames. Vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back. Vapors may form explosive mixtures with air. 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, Foam, 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. Prevent product from entering drains. Soak up with inert absorbent material and dispose of as hazardous waste. 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.

7. Handling and Storage

Handling: Keep out of reach of children! Do not take internally. Remove all sources of ignition. Keep away from open flames, hot surfaces and sources of ignition. Provide adequate ventilation. Avoid heat, sparks and open flames. Wear appropriate personal protection. Avoid breathing vapor and contact with eyes, skin and clothing. Use in well ventilated area. Open all windows and doors or use other means to ensure cross-ventilation and fresh air entry during application and drying. Odor is not an adequate warning for hazardous conditions. Empty containers retain product residue (liquid and/or vapor). Vapor can ignite potentially causing an explosion. Wash thoroughly after handling. Do not use in areas where static sparks may be generated.

Storage: Store away from sources of ignition and heat. Do not store at temperatures above 120 °F (49 °C). Store containers away from excess heat and freezing. Store away from caustics and oxidizers. Keep containers tightly closed.

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>Hydrogenated petroleum resin</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>Xylenes</td>
<td>20 ppm TWA</td>
<td>N.E.</td>
<td>100 ppm TWA, 435 N.E. mg/m3 TWA</td>
<td>N.E.</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>20 ppm TWA</td>
<td>N.E.</td>
<td>100 ppm TWA, 435 N.E. mg/m3 TWA</td>
<td>N.E.</td>
</tr>
<tr>
<td>Bis(1,2,2,6,6-pentamethyl).seb</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>Methyl(1,2,2,6,6-penta...seb</td>
<td>N.E.</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: A NIOSH-approved air purifying respirator with an organic vapor cartridge or canister may be necessary under certain circumstances where airborne concentrations are expected to exceed exposure limits. 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. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear and appropriate, properly fitted respirator (NIOSH approved) during and after application. 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: Solvent-resistant 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: 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>Clear</td>
</tr>
<tr>
<td>Odor</td>
<td>Strong Solvent</td>
</tr>
<tr>
<td>Density, g/cm³</td>
<td>0.89 - 0.89</td>
</tr>
<tr>
<td>Freeze Point, °C</td>
<td>Not Established</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Not Established</td>
</tr>
<tr>
<td>Decomposition Temperature, °C</td>
<td>Not Established</td>
</tr>
<tr>
<td>Boiling Range, °C</td>
<td>N.A. - N.A.</td>
</tr>
<tr>
<td>Minimum Flash Point, °C</td>
<td>27.2</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not Established</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>
<tr>
<td>Physical State</td>
<td>Paste</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 Established</td>
</tr>
<tr>
<td>Partition Coeff., n-octanol/water</td>
<td>N.E. - N.E.</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>Pensky-Martens Closed Cup</td>
</tr>
<tr>
<td>Flammability, NFPA</td>
<td>Flammable Liquid</td>
</tr>
<tr>
<td>Class</td>
<td>Class IC</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 normal conditions.

CONDITIONS TO AVOID: 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. Do not smoke.

INCOMPATIBILITY: Open flames, hot surfaces and sources of ignition. Keep away from strong oxidizing agents, heat and open flames. Strong acids and strong bases.

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

### 11. Toxicological Information

EFFECT OF OVEREXPOSURE - INHALATION: Inhalation of vapors may cause irritation of the nose, throat, lungs and respiratory tract. Inhalation of vapors in high concentration may cause shortness of breath (lung edema). Prolonged, repeated or high exposures may cause central nervous system depression leading to headaches, nausea, drowsiness, dizziness, and possibly narcosis. In extreme cases, may cause loss of consciousness.

EFFECT OF OVEREXPOSURE - SKIN CONTACT: May cause skin irritation. Prolonged and repeated skin contact may cause dermatitis, drying and defatting due to the solvent properties.

EFFECT OF OVEREXPOSURE - EYE CONTACT: May cause eye irritation.

EFFECT OF OVEREXPOSURE - INGESTION: Harmful or fatal if swallowed. May cause gastrointestinal disturbances with dizziness and central nervous system depression. If ingested, may cause depressed respiration. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

CARCINOGENICITY: No Information

EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS: Prolonged or repeated contact with skin can cause defatting of the skin, which may lead to dermatitis. Prolonged or repeated inhalation of solvent vapors may cause irregular heartbeat. NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.
Symptoms include: loss of memory, loss of intellectual ability and loss of coordination. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

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

**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>69430-35-9</td>
<td>Hydrogenated petroleum resin</td>
<td>N.I.</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylenes</td>
<td>3500 mg/kg Rat</td>
<td>1700 mg/kg Rabbit</td>
<td>29.08 mg/L Rat</td>
</tr>
<tr>
<td>100-41-4</td>
<td>Ethyl benzene</td>
<td>3500 mg/kg Rat</td>
<td>15400 mg/kg Rabbit</td>
<td>17.4 mg/L Rat</td>
</tr>
<tr>
<td>41556-26-7</td>
<td>Bis(1,2,2,6,6-pentamethyl).seb</td>
<td>2615 mg/kg Rat</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
<tr>
<td>82919-37-7</td>
<td>Methyl(1,2,2,6,6-penta...)seb</td>
<td>N.I.</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
</tbody>
</table>

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. 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.

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. Prevent product from entering drains. Soak up with inert absorbent material and dispose of as hazardous waste. 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.

14. Transport Information

DOT UN/NA Number: UN1133
DOT Proper Shipping Name: Adhesives, containing a flammable liquid
DOT Technical Name: N.A.
DOT Hazard Class: 3 Flammable liquid
Hazard SubClass: N.A.
Packing Group: III

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:

- Flammable (gases, aerosols, liquids, or solids), Acute Toxicity (any route of exposure), Skin Corrosion or Irritation

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></td>
<td></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: 4/11/2022  Supersedes Date: 12/29/2021
Reason for revision: Substance Hazard Threshold % Changed
Substance and/or Product Properties Changed in Section(s):
01 - Product Information
08 - Exposure Controls/Personal Protection

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>3</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

VOC Less Water Less Exempt Solvent, g/L: 331.9
VOC Material, g/L: 332
VOC as Defined by California Consumer Product Regulation, Wt/Wt%: 37.00
VOC Actual, Wt/Wt%: 37.4

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

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H332 Harmful if inhaled.
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
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.