1. Identification

Product Name: DAP All Purpose Adhesive & Filler Part B Hardener
Product UPC Number: 070798280007
Manufacturer For: 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: 1-800-535-5053,
1-352-323-3500, 1-800-222-1222
Revision Date: 5/25/2023
Supercedes Date: 11/29/2022
Product Use/Class: Adhesive
SDS No: 1024604
Preparer: Regulatory and Environmental Affairs

2. Hazards Identification

EMERGENCY OVERVIEW: KEEP OUT OF REACH OF CHILDREN! Skin and eye irritant. Contains epoxy constituents. See information supplied by the manufacturer.

GHS Classification
Acute Tox. 4 Inhalation, Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1

Symbol(s) of Product

Signal Word
Warning

Possible Hazards
44% of the mixture consists of ingredients of unknown acute toxicity

GHS HAZARD STATEMENTS
Skin Irritation, category 2  H315  Causes skin irritation.
Skin Sensitizer, category 1  H317  May cause an allergic skin reaction.
Eye Irritation, category 2  H319  Causes serious eye irritation.
Acute Toxicity, Inhalation, category 4  H332  Harmful if inhaled.

GHS LABEL PRECAUTIONARY STATEMENTS
P261  Avoid breathing 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.
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.
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.
P362  Take off contaminated clothing.
P501  Dispose of contents/container.

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>1,5-Pentanediamine, 2-methyl-</td>
<td>15520-10-2</td>
<td>15-40</td>
<td>GHS07</td>
<td>H302</td>
</tr>
<tr>
<td>Styrenated phenol</td>
<td>61788-44-1</td>
<td>10-30</td>
<td>GHS06-GHS07</td>
<td>H315-317-319-331</td>
</tr>
<tr>
<td>2,4,6-Tri(dimethylaminomethyl)phenol</td>
<td>90-72-2</td>
<td>3-7</td>
<td>GHS07</td>
<td>H302-312</td>
</tr>
<tr>
<td>Triiron tetroxide</td>
<td>1317-61-9</td>
<td>1-5</td>
<td>No Information</td>
<td>No Information</td>
</tr>
<tr>
<td>3-Aminopropyltriethoxysilane</td>
<td>919-30-2</td>
<td>1-5</td>
<td>GHS06</td>
<td>H331</td>
</tr>
<tr>
<td>Calcined Clay</td>
<td>66402-68-4</td>
<td>1-5</td>
<td>GHS06-GHS07</td>
<td>H319-331</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: In case of contact, wash skin immediately with soap and water.

FIRST AID - EYE CONTACT: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

FIRST AID - INGESTION: If swallowed do not induce vomiting. Seek immediate medical attention.

5. Fire-fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARDS: No Information

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

6. Accidental Release Measures

ENVIRONMENTAL MEASURES: No Information

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Dike to prevent entering any sewer or waterway. Use personal protective equipment as necessary. Use absorbent material or scrape up dried material and place in container. Never discard in a liquid state. Dispose of material in accordance with all federal, state and local regulations.

7. Handling and Storage

HANDLING: KEEP OUT OF REACH OF CHILDREN! DO NOT TAKE INTERNALLY. Provide adequate ventilation. Avoid contact with Page 2 / 6
eyes, skin and clothing.

**STORAGE:** 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>1,5-Pentanediame, 2-methyl-</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>Styrenated phenol</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>2,4,6-Tri(dimethylaminomethyl)phenol</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>Triiron tetroxide</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>3-Aminopropytriethoxysilane</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>Calcined Clay</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:** No personal respiratory protective equipment normally required. In case of insufficient ventilation, wear suitable respiratory equipment.

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

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

**OTHER PROTECTIVE EQUIPMENT:** Impervious clothing.

**HYGIENIC PRACTICES:** Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Do not ingest or inhale. Do not expose container to heat or flame. Contaminated clothing should be changed and washed before reuse. Eating, drinking and smoking in immediate work area should be prohibited.

### 9. Physical and Chemical Properties

**Appearance:** Gray

**Odor:** Characteristic

**Density, g/cm³:** 0.99 - 0.99

**Freeze Point, °C:** Not Established

**Solubility in Water:** Not Established

**Decomposition Temperature, °C:** Not Established

**Boiling Range, °C:** 100 - 100

**Flash Point, °C:** 100

**Evaporation Rate:** Slower Than n-Butyl Acetate

**Vapor Density:** Heavier Than Air

**Chemical Dust:** Does not support combustion

**Physical State:** Liquid

**Odor Threshold:** Not Established

**pH:** Not Established

**Viscosity (mPa.s):** Not Established

**Partition Coeff., n-octanol/water:** Not Established

**Explosive Limits, %:** N.E. - N.E.

**Auto-Ignition Temperature, °C:** Not Established

**Vapor Pressure, mmHg:** Not Established

**Flash Method:** Seta Closed Cup

**Flammability, NFPA:** Flammable Liquid

(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: Excessive heat and freezing.

INCOMPATIBILITY: None under normal processing.

HAZARDOUS DECOMPOSITION PRODUCTS: To avoid thermal decomposition, do not overheat.

11. Toxicological Information

EFFECT OF OVEREXPOSURE - INHALATION: During application and cure, this product releases methanol. Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes).

EFFECT OF OVEREXPOSURE - SKIN CONTACT: Immediate bonding of skin may result upon contact.

EFFECT OF OVEREXPOSURE - EYE CONTACT: Causes severe eye irritation.

EFFECT OF OVEREXPOSURE - INGESTION: Harmful if swallowed.

CARCINOGENICITY: No Information

EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS: Chronic exposure may cause dermatitis. Constituents of this product include crystalline silica which, if inhalable, may cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group 1 carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen. Constituents may also contain asbestiform or non-asbestiform tremolite or other silicates as impurities, and above de minimus exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems.

PRIMARY ROUTE(S) OF ENTRY: Skin Contact, 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>15520-10-2</td>
<td>1,5-Pentanediamicine, 2-methyl-</td>
<td>1690 mg/kg Rat</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
<tr>
<td>61788-44-1</td>
<td>Styrenated phenol</td>
<td>2100 - 6700 mg/kg Rat</td>
<td>&gt;7940 mg/kg Rabbit</td>
<td>&gt; 4.92 mg/L Rat</td>
</tr>
<tr>
<td>90-72-2</td>
<td>2,4,6-Tri(dimethylaminomethyl)phenol</td>
<td>1200 mg/kg Rat</td>
<td>1280 mg/kg Rat</td>
<td>N.I.</td>
</tr>
<tr>
<td>1317-61-9</td>
<td>Triron tetroxide</td>
<td>&gt;10000 mg/kg Rat</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
<tr>
<td>919-30-2</td>
<td>3-Aminopropyltriethoxysilane</td>
<td>3980 mg/kg Rat</td>
<td>5616 mg/kg Rabbit</td>
<td>&gt; 7.35 mg/L Rat</td>
</tr>
<tr>
<td>66402-68-4</td>
<td>Calcined Clay</td>
<td>&gt;15900 mg/kg Rat</td>
<td>&gt;2500 mg/kg Rabbit</td>
<td>&gt;20 mg/L</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: Do not flush into surface water or sanitary sewer system.

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Dike to prevent entering any sewer or waterway. Use personal protective equipment as necessary. Use absorbent material or scrape up dried material and place in container. Never discard in a liquid state. Dispose of material in accordance with all federal, state and local regulations.

14. Transport Information

DOT UN/NA Number: N.A.
DOT Proper Shipping Name: Not Regulated
DOT Technical Name: N.A.
DOT Hazard Class: N.A.
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:

Acute Toxicity (any route of exposure), Skin Corrosion or Irritation, Respiratory or Skin Sensitization, Serious eye damage or eye 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:

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: 5/25/2023  
Supersedes Date: 11/29/2022

Reason for revision:
Substance Regulatory CAS Number Changed
Substance Hazardous Flag Changed
Substance Hazard Threshold % Changed
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:

<table>
<thead>
<tr>
<th>Health:</th>
<th>Flammability:</th>
<th>Reactivity:</th>
<th>Personal Protection:</th>
</tr>
</thead>
<tbody>
<tr>
<td>2*</td>
<td>0</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

VOC Less Water Less Exempt Solvent, g/L: 0.0
VOC Material, g/L: 0
VOC as Defined by California Consumer Product Regulation, Wt/Wt%: 50.00
VOC Actual, Wt/Wt%: 0.0

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

H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.

Icons for GHS Pictograms shown in Section 3 describing each ingredient:
Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

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