



## Safety Data Sheet

**24 Hour Emergency Phone Numbers**  
**Medical/Poison Control:**  
**In U.S.: Call 1-800-222-1222**

**Outside U.S.: Call your local poison control center**

**Transportation/National Response Center:**

**1-800-535-5053**  
**1-352-323-3500**

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.

IMPORTANT: Provide this information to employees, customers, and users of this product. Read this SDS before handling or disposing of this product. This product is covered by the OSHA Hazard Communication Standard and this document has been prepared in accordance with requirements of this standard. All abbreviated terms used in this SDS are further described in Section 16.

### 1. Identification

|                            |   |                           |                                      |
|----------------------------|---|---------------------------|--------------------------------------|
| <b>Product Name:</b>       | Sheet Flooring Adhesive   | <b>Revision Date:</b>     | 12/29/2021                           |
| <b>Product UPC Number:</b> | 070798251762, 070798251786  | <b>Supercedes Date:</b>   | 3/18/2019                            |
| <b>Manufacturer:</b>       | DAP Products Inc.<br>2400 Boston Street Suite 200<br>Baltimore, MD 21224-4723<br>888-327-8477 (non - emergency matters) | <b>Product Use/Class:</b> | Construction Adhesive                |
|                            | SDS Coordinator: MSDS@dap.com   | <b>SDS No:</b>            | 7714001                              |
|                            | Emergency Telephone:<br>Transportation: 1-800-535 -5053<br>1-352-323-3500<br>Poison Control: 1-800-222-1222             | <b>Preparer:</b>          | Regulatory and Environmental Affairs |

### 2. Hazards Identification

**EMERGENCY OVERVIEW:** Under normal use conditions, this product is not expected to cause adverse health effects. This product contains ethylene glycol.

**GHS Classification**  
 Skin Sens. 1

**Symbol(s) of Product**



**Signal Word**  
 Warning

**Possible Hazards**  
 54% of the mixture consists of ingredients of unknown acute toxicity

**GHS HAZARD STATEMENTS**

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

**GHS LABEL PRECAUTIONARY STATEMENTS**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 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.  
 P321 Specific treatment (see ... on this label).  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P501 Dispose of contents/container.

**GHS SDS PRECAUTIONARY STATEMENTS**

P363 Wash contaminated clothing before reuse.

**3. Composition/Information on Ingredients**

| <u>Chemical Name</u>        | <u>CAS-No.</u> | <u>Wt. %</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|-----------------------------|----------------|--------------|--------------------|-----------------------|
| Clay                        | 1332-58-7      | 10-30        | No Information     | No Information        |
| Petroleum hydrocarbon oil   | 64742-52-5     | 10-30        | No Information     | No Information        |
| Butadiene-styrene copolymer | 9003-55-8      | 1-5          | No Information     | No Information        |
| Urea                        | 57-13-6        | 1-5          | No Information     | No Information        |
| Rosin                       | 8050-09-7      | 1-5          | GHS07              | H317-332              |
| Ethylene glycol             | 107-21-1       | 1-5          | GHS07              | H332                  |

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 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:** 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, Water

**6. Accidental Release Measures**

**ENVIRONMENTAL MEASURES:** No Information

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. Use personal protective equipment as necessary. In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations. Scrape up dried material and place into containers.

**7. Handling and Storage**

**HANDLING:** KEEP OUT OF REACH OF CHILDREN! DO NOT TAKE INTERNALLY. Use only with adequate ventilation. Ensure fresh air entry during application and drying. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Construction and repair activities can adversely affect indoor air quality. Consult with occupants or a representative (i.e. maintenance, building manager, industrial hygienist, or safety officer) to determine ways to minimize impact. Do not sand, dry sweep, dry scrape, drill, saw, beadblast, mechanically chip, pulverize or otherwise machine existing resilient flooring, backing, lining felt, or asphaltic "cut-back" adhesives. These products may contain either asbestos fibers or crystalline silica. Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard. See current edition of the Resilient Floor Covering Institute's publication "Recommended Work Practices for Removal of Resilient Floor Coverings", for detailed information and instructions addressed to the task of removing all resilient floor covering materials.

**STORAGE:** Avoid excessive heat and freezing. Do not store at temperatures above 120 °F (49 °C). Store away from caustics and

oxidizers. Keep containers tightly closed.

## 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

| <u>Chemical Name</u>        | <u>ACGIH TLV-TWA</u>  | <u>ACGIH-TLV STEL</u>  | <u>OSHA PEL-TWA</u>   | <u>OSHA PEL-CEILING</u> |
|-----------------------------|---|--|---|-------------------------|
| Clay                        | 2 mg/m3 TWA<br>particulate matter<br>containing no<br>asbestos and <1%<br>crystalline silica,<br>respirable<br>particulate matter | N.E.   | 15 mg/m3 TWA<br>total dust, 5 mg/m3<br>TWA respirable<br>fraction | N.E.                    |
| Petroleum hydrocarbon oil   | N.E.  | N.E.   | N.E.  | N.E.                    |
| Butadiene-styrene copolymer | N.E.  | N.E.   | N.E.  | N.E.                    |
| Urea                        | N.E.  | N.E.   | N.E.  | N.E.                    |
| Rosin                       | 0.001 mg/m3 TWA<br>inhalable particulate<br>matter  | N.E.   | N.E.  | N.E.                    |
| Ethylene glycol             | 25 ppm TWA vapor<br>fraction  | 50 ppm STEL vapor<br>fraction, 10 mg/m3<br>STEL inhalable<br>particulate matter,<br>aerosol only | N.E.  | N.E.                    |

**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:** Respirator use is not expected to be necessary under normal conditions of handling. In emergency situations, use of a NIOSH-approved respirator may be required. 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 rubber gloves.



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



**OTHER PROTECTIVE EQUIPMENT:** Not required under normal use.



**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

|                                       |                             |   |                      |
|---------------------------------------|-----------------------------|---|----------------------|
| <b>Appearance:</b>                    | White to Off-White          | <b>Physical State:</b>                    | Paste                |
| <b>Odor:</b>                          | Slight                      | <b>Odor Threshold:</b>                    | Not Established      |
| <b>Density, g/cm<sup>3</sup>:</b>     | 1.21 - 1.21                 | <b>pH:</b>                                | Between 7.0 and 12.0 |
| <b>Freeze Point, °C:</b>              | Not Established             | <b>Viscosity (mPa.s):</b>                 | Not Established      |
| <b>Solubility in Water:</b>           | Not Established             | <b>Partition Coeff., n-octanol/water:</b> | Not Established      |
| <b>Decomposition Temperature, °C:</b> | Not Established             | <b>Explosive Limits, %:</b>               | N.E. - N.E.          |
| <b>Boiling Range, °C:</b>             | 100 - 100                   | <b>Auto-Ignition Temperature, °C</b>      | Not Established      |
| <b>Minimum Flash Point, °C:</b>       | 100                         | <b>Vapor Pressure, mmHg:</b>              | Not Established      |
| <b>Evaporation Rate:</b>              | Slower Than n-Butyl Acetate | <b>Flash Method:</b>                      | Seta Closed Cup      |
| <b>Vapor Density:</b>                 | Heavier Than Air            | <b>Flammability, NFPA:</b>                | Non-Flammable        |
| <b>Combustible Dust:</b>              | Does not support combustion |   |                      |

(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.

**INCOMPATIBILITY:** Incompatible with strong bases and oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Normal decomposition products, i.e., CO<sub>x</sub>, NO<sub>x</sub>.

## 11. Toxicological Information

**EFFECT OF OVEREXPOSURE - INHALATION:** Vapors may be irritating to eyes, nose, throat, and lungs. Inhalation of vapors in high concentration may cause mild irritation of respiratory system (nose, mouth, mucous membranes).

**EFFECT OF OVEREXPOSURE - SKIN CONTACT:** Under normal use conditions, this product is not expected to cause adverse health effects. Prolonged or repeated contact with skin may cause mild irritation.

**EFFECT OF OVEREXPOSURE - EYE CONTACT:** Under normal use conditions, this product is not expected to cause adverse health effects. Direct eye contact may cause irritation.

**EFFECT OF OVEREXPOSURE - INGESTION:** Under normal use conditions, this product is not expected to cause adverse health effects. Single dose oral toxicity is very low. Amounts ingested incidental to industrial handling are not likely to cause injury; however, ingestion of large amounts may cause injury. Ingestion of ethylene glycol can cause gastrointestinal irritation, nausea, vomiting, diarrhea and if ingested in sufficient quantities, death.

**CARCINOGENICITY:** No Information

**EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS:** Repeated or prolonged exposure may cause mild irritation of eyes and skin. Ethylene Glycol may cause kidney and liver damage upon prolonged and repeated overexposures. Studies have shown that repeated inhalation of ethylene glycol has produced adverse cardiovascular changes in laboratory animals. Ethylene glycol has been shown to cause birth defects in laboratory animals. 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 I 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

### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

| <u>CAS-No.</u> | <u>Chemical Name</u>        | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|-----------------------------|------------------|--------------------|-------------------|
| 1332-58-7      | Clay                        | >5000 mg/kg Rat  | >5000 mg/kg Rat    | N.I.              |
| 64742-52-5     | Petroleum hydrocarbon oil   | 5000 mg/kg Rat   | 5000 mg/kg Rabbit  | < 5.7 mg/L Rat    |
| 9003-55-8      | Butadiene-styrene copolymer | N.I.             | N.I.               | N.I.              |

|           |                 |                 |                    |          |
|-----------|-----------------|-----------------|--------------------|----------|
| 57-13-6   | Urea            | 8471 mg/kg Rat  | N.I.               | N.I.     |
| 8050-09-7 | Rosin           | >5000 mg/kg Rat | >2500 mg/kg Rabbit | >20 mg/L |
| 107-21-1  | Ethylene glycol | 4700 mg/kg Rat  | 9530 mg/kg Rabbit  | N.I.     |

N.I. = No Information

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** Ecological injuries are not known or expected under normal use.

## 13. Disposal Information

**DISPOSAL INFORMATION:** This product does not meet the definition of a hazardous waste according to U.S. EPA Hazardous Waste Management Regulation, 40 CFR Section 261. Dispose as hazardous waste according to all local, state, federal and provincial 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.

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. Use personal protective equipment as necessary. In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations. Scrape up dried material and place into containers.

## 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

### 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:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| Ethylene glycol      | 107-21-1       |

### 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:** 12/29/2021 **Supersedes Date:** 3/18/2019

**Reason for revision:** Revision Description Changed  
 Product Composition Changed  
 Substance and/or Product Properties Changed in Section(s):  
 01 - Product Information  
 05 - Flammability Information  
 09 - Physical & Chemical Information  
 11 - Toxicological Information  
 14 - Transportation Information  
 16 - Other Information  
 Revision Statement(s) Changed

**Datasheet produced by:** Regulatory Department

**HMIS Ratings:**

| <b>Health:</b> | <b>Flammability:</b> | <b>Reactivity:</b> | <b>Personal Protection:</b> |
|----------------|----------------------|--------------------|-----------------------------|
| 1              | 0                    | 0                  | X                           |

**VOC Less Water Less Exempt Solvent, g/L:** 34.2

**VOC Material, g/L:** 19

**VOC as Defined by California Consumer Product Regulation, Wt/Wt%:** 0.27

**VOC Actual, Wt/Wt%:** 1.6

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

H317 May cause an allergic skin reaction.  
 H332 Harmful if inhaled.

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

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.