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|--|----------------------------|---|
|   | <h1>Safety Data Sheet</h1> | <p><b>24 Hour Emergency Phone Numbers</b><br/> <b>Medical/Poison Control:</b><br/> <b>In U.S.: Call 1-800-222-1222</b></p> <p><b>Outside U.S.: Call your local poison control center</b></p> <p><b>Transportation/National Response Center:</b></p> <p style="text-align: center;"><b>1-800-535-5053</b><br/> <b>1-352-323-3500</b></p> <p>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.</p> |
| <p><b>IMPORTANT:</b> 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 MSDS are further described in Section 16.</p> |                            |   |
| <h2>1. Identification</h2>   |                            |   |

This Safety Data Sheet is available in American Spanish upon request.  
 Los Datos de Seguridad pueden obtenerse en Espanol si lo requiere.

|                            |   |                         |             |
|----------------------------|---|-------------------------|-------------|
| <b>Product Name:</b>       | DAP RapidFuse Adhesive  | <b>Revision Date:</b>   | 11/4/2015   |
| <b>Product UPC Number:</b> | 070798001558, 070798001565,<br>070798001572   | <b>Supersedes Date:</b> | New SDS     |
| <b>Product Use/Class:</b>  | Adhesive  | <b>SDS No:</b>          | 00030406004 |
| <b>Manufactured For</b>    | DAP Products Inc.<br>2400 Boston Street Suite 200<br>Baltimore, MD 21224-4723<br>888-327-8477 (non - emergency matters) |                         |             |
| <b>Preparer:</b>           | Regulatory Department   |                         |             |

## 2. Hazards Identification

**EMERGENCY OVERVIEW:** WARNING! Combustible liquid and vapor. Keep container closed and away from heat, sparks, and open flame. Store away from caustics and oxidizers. Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children. May cause skin irritation.

### GHS Classification

Eye Irrit. 2, Skin Irrit. 2, STOT SE 3 RTI

### Symbol(s) of Product



### Signal Word

Warning

### GHS HAZARD STATEMENTS

|  |      |                                   |
|--|------|-----------------------------------|
| Skin Irritation, category 2            | H315 | Causes skin irritation.           |
| Eye Irritation, category 2             | H319 | Causes serious eye irritation.    |
| STOT, single exposure, category 3, RTI | H335 | May cause respiratory irritation. |

**GHS LABEL PRECAUTIONARY STATEMENTS**

|                |  |
|----------------|--|
| P261           | Avoid breathing dust/fume/gas/mist/vapours/spray.  |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.   |
| P302+P352      | IF ON SKIN: Wash with plenty of soap and water.  |
| 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.   |
| P337+P313      | If eye irritation persists: Get medical advice/attention.  |
| P362           | Take off contaminated clothing.  |
| P403+P233      | Store in a well-ventilated place. Keep container tightly closed.   |

**3. Composition/Information on Ingredients**

| <u>Chemical Name</u> | <u>CAS-No.</u> | <u>Wt. %</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|----------------------|----------------|--------------|--------------------|-----------------------|
| Ethyl cyanoacrylate  | 7085-85-0      | 75-100       | GHS03-GHS07        | H270-312-315-319-335  |
| Dimethyl sebacate    | 106-79-6       | 2.5-10       | GHS03-GHS07        | H270-302              |

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:** Do not pull bonded skin apart. Soak in warm soapy water. Gently peel apart using a blunt object such as spoon.

**FIRST AID - EYE CONTACT:** If the eye is bonded shut, apply warm water with a wet pad to release the eyelashes. Adhesive will bond to eye protein and will cause the eye to periodically shed tears. This will help debond the adhesive. Keep eye covered until debonding is complete. Do not force eye open. Solid particles of cyanoacrylate may be trapped behind the eyelids and cause abrasive damage. Seek medical attention.

**FIRST AID - INGESTION:** Make sure airways are clear. Adhesive will immediately polymerize in mouth and will be impossible to swallow. Saliva will slowly separate the adhesive from mouth.

**5. Fire-fighting Measures**

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Vapor from this material will readily ignite at temperatures above 150 degrees F if an ignition source is present. Vapors may form an explosive mixture with air at temperatures above 150 degrees F. Eliminate sources of ignition: heat, electrical equipment, sparks and flames. 465 <undefined>

**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:** Carbon Dioxide, Dry Chemical, Water Fog

**6. Accidental Release Measures**

**ENVIRONMENTAL MEASURES:** No Information

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Immediately eliminate sources of ignition. Contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. Dike to prevent entering any sewer or waterway. Transfer liquid to a holding container. Read all product instructions before using. Personal protective equipment should include impervious gloves, protective eye wear, and suitable work clothes. In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations. Use absorbent material or scrape up dried material and place in container.

## 7. Handling and Storage

**HANDLING:** KEEP OUT OF REACH OF CHILDREN! DO NOT TAKE INTERNALLY. Keep away from open flames, hot surfaces and sources of ignition. Provide adequate ventilation. Wear appropriate personal protection. Avoid contact with eyes, skin and clothing.

**STORAGE:** Store away from sources of ignition and heat. Do not store at temperatures above 120 degrees F. Store containers away from excessive heat and freezing. 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> |
|----------------------|----------------------|-----------------------|---------------------|-------------------------|
| Ethyl cyanoacrylate  | 0.2 ppm TWA          | N.E.                  | N.E.                | N.E.                    |
| Dimethyl sebacate    | N.E.                 | N.E.                  | 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:** No personal respiratory protective equipment normally required.



**SKIN PROTECTION:** Chemical-resistant gloves and chemical goggles should be used to prevent skin and eye contact. None Required.



**EYE PROTECTION:** Safety glasses with side-shields.



**OTHER PROTECTIVE EQUIPMENT:** Wear suitable gloves and eye/face protection. Not required under normal use.



**HYGIENIC PRACTICES:** Avoid breathing vapor. Avoid skin contact. Avoid eye contact. Wash contaminated clothing before re-use.

## 9. Physical and Chemical Properties

|                                       |                             |   |                                     |
|---------------------------------------|-----------------------------|---|-------------------------------------|
| <b>Appearance:</b>                    | Clear                       | <b>Physical State:</b>                    | No Information                      |
| <b>Odor:</b>                          | Sharp                       | <b>Odor Threshold:</b>                    | Not Established                     |
| <b>Density, g/cm<sup>3</sup>:</b>     | 1.08 - 1.08                 | <b>pH:</b>                                | Not Established                     |
| <b>Freeze Point, °C:</b>              | < 32 °F                     | <b>Viscosity (mPa.s):</b>                 | ca. 4000 cps                        |
| <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.I. - N.I.                         |
| <b>Boiling Range, °C:</b>             | 150 - 150                   | <b>Auto-Ignition Temperature, °C</b>      | Not Established                     |
| <b>Minimum Flash Point, °C:</b>       | 88                          | <b>Vapor Pressure, mmHg:</b>              | 0.293 mm Hg (ethyl 2-cyanoacrylate) |
| <b>Evaporation Rate:</b>              | Faster Than n-Butyl Acetate | <b>Flash Method:</b>                      | Seta Closed Cup                     |
| <b>Vapor Density:</b>                 | Heavier Than Air            | <b>Flammability:</b>                      | Flammable                           |
| <b>Combustibility:</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 normal conditions.

**CONDITIONS TO AVOID:** Protect from water. 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:** Water, alcohols, bases, cotton, wool, cellulosic materials Open flames, hot surfaces and sources of ignition. Keep away from strong oxidizing agents, heat and open flames. Strong bases.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide

## 11. Toxicological Information

**EFFECT OF OVEREXPOSURE - INHALATION:** 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:** Immediate bonding of eyelids may result upon contact.

**EFFECT OF OVEREXPOSURE - INGESTION:** Immediate bonding of mouth may result upon contact.

**CARCINOGENICITY:** No Information

**EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS:** Chronic exposure may cause dermatitis.

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Inhalation, 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> |
|----------------|----------------------|------------------|--------------------|-------------------|
| 7085-85-0      | Ethyl cyanoacrylate  | 5000 mg/kg Rat   | 2000 mg/kg Rabbit  | N.I.              |
| 106-79-6       | Dimethyl sebacate    | 2000 mg/kg Rat   | N.I.               | 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.

## 14. Transport Information

**SPECIAL TRANSPORT PRECAUTIONS:** No Information

|                                  |                            |
|----------------------------------|----------------------------|
| <b>DOT UN/NA Number:</b>         | NA1993                     |
| <b>DOT Proper Shipping Name:</b> | Combustible liquid, n.o.s. |
| <b>DOT Technical Name:</b>       | (Ethyl cyanoacrylate)      |
| <b>DOT Hazard Class:</b>         | Combustible                |
| <b>Hazard SubClass:</b>          | N.A.                       |
| <b>Packing Group:</b>            | 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:

Acute Health Hazard, Chronic Health Hazard

**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.

**CALIFORNIA PROPOSITION 65 CARCINOGENS AND REPRODUCTIVE TOXINS**

**CALIFORNIA PROPOSITION 65:** None known.

**International Regulations: As follows -****CANADIAN WHMIS:**

This SDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**WHMIS Class** Consumer Commodity

**16. Other Information**

**Revision Date:** 11/4/2015 **Supersedes Date:** New MSDS

**Reason for revision:** HazCom2012/GHS Conversion

**Datasheet produced by:** Regulatory Department

**HMIS Ratings:**

|                |   |                      |   |                    |   |                             |   |
|----------------|---|----------------------|---|--------------------|---|-----------------------------|---|
| <b>Health:</b> | 2 | <b>Flammability:</b> | 1 | <b>Reactivity:</b> | 0 | <b>Personal Protection:</b> | X |
|----------------|---|----------------------|---|--------------------|---|-----------------------------|---|

VOC Less Water Less Exempt Solvent, g/L:5.0

VOC Material, g/L:5

VOC as Defined by California Consumer Product Regulation, Wt/Wt%:0.0

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

|      |  |
|------|--|
| H270 | May cause or intensify fire; oxidiser. |
| H302 | Harmful if swallowed.                  |
| H312 | Harmful in contact with skin.          |
| H315 | Causes skin irritation.                |
| H319 | Causes serious eye irritation.         |
| H335 | May cause respiratory irritation.      |

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

**GHS03**



**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.