



## 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>       | Plastic Wood 3 IN 1 Repair Stick Marker All Colors   | <b>Revision Date:</b>     | 4/12/2022                            |
| <b>Product UPC Number:</b> | 070798040908, 070798040915,<br>070798040922, 070798040939,<br>070798040946, 070798040953,<br>070798040960  | <b>Supersedes Date:</b>   | 1/20/2021                            |
| <b>Manufactured For</b>    | DAP Global Inc.<br>2400 Boston Street Suite 200<br>Baltimore, MD 21224-4723<br>888-327-8477 (non - emergency matters)<br><br>SDS Coordinator: MSDS@dap.com<br><br>Emergency Telephone: 1-800-535-5053,<br>1-352-323-3500, 1-800-222-1222 | <b>Product Use/Class:</b> | Wood Stain Pen                       |
|                            |  | <b>SDS No:</b>            | 7999104                              |
|                            |  | <b>Preparer:</b>          | Regulatory and Environmental Affairs |

### 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. Under normal use conditions, this product is not expected to cause adverse health effects.

**GHS Classification**

Acute Tox. 4 Inhalation, Eye Dam. 1, Flam. Liq. 2, Skin Irrit. 2, STOT RE 2, STOT SE 3 NE, STOT SE 3 RTI

**Symbol(s) of Product****Signal Word**

Danger

**Possible Hazards**

15% of the mixture consists of ingredients of unknown acute toxicity

**GHS HAZARD STATEMENTS**

|  |      |  |
|--|------|--|
| Flammable Liquid, category 2           | H225 | Highly flammable liquid and vapour.                                |
| Skin Irritation, category 2            | H315 | Causes skin irritation.  |
| Serious Eye Damage, category 1         | H318 | Causes serious eye damage.   |
| Acute Toxicity, Inhalation, category 4 | H332 | Harmful if inhaled.  |
| STOT, single exposure, category 3, RTI | H335 | May cause respiratory irritation.                                  |
| STOT, single exposure, category 3, NE  | H336 | May cause drowsiness or dizziness.                                 |
| STOT, repeated exposure, category 2    | H373 | May cause damage to organs through prolonged or repeated exposure. |

**GHS LABEL PRECAUTIONARY STATEMENTS**

|                |  |
|----------------|--|
| P210           | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.                                   |
| P260           | Do not breathe 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.   |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310           | Immediately call a POISON CENTER or doctor/physician.  |
| 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+P233      | Store in a well-ventilated place. Keep container tightly closed.   |
| P403+P235      | Store in a well-ventilated place. Keep cool.   |
| P405           | Store locked up.   |
| 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**

| <u>Chemical Name</u>                     | <u>CAS-No.</u> | <u>Wt. %</u> | <u>GHS Symbols</u> | <u>GHS Statements</u>        |
|--|----------------|--------------|--------------------|------------------------------|
| Ethyl alcohol                            | 64-17-5        | 30-60        | GHS02              | H225                         |
| Toluene                                  | 108-88-3       | 10-30        | GHS02-GHS07-GHS08  | H225-304-315-332-335-336-373 |
| n-Butyl alcohol                          | 71-36-3        | 10-30        | GHS02-GHS05-GHS07  | H226-302-315-318-332-335-336 |
| Propylene glycol monomethyl ether acetat | 108-65-6       | 10-30        | GHS02-GHS07        | H226-332                     |
| Hydrotreated kerosene                    | 64742-47-8     | 1-5          | GHS06-GHS07-GHS08  | H304-315-331-336             |

|   |             |         |                   |                      |
|---|-------------|---------|-------------------|----------------------|
| Isopropyl alcohol   | 67-63-0     | 1-5     | GHS02-GHS07       | H225-302-319-332-336 |
| Ethylcellulose  | 9004-57-3   | 1-5     | No Information    | No Information       |
| Dipropylene glycol methyl ether   | 34590-94-8  | 0.5-1.5 | No Information    | No Information       |
| Amines, C12-14-tert-alkyl, compounds with 1-[[5-(1,1-dimethylpropyl)-2-hydroxy-3-nitrophenyl]azo]-2-naphthalenol 1-[[2-hydroxy-4(or 5)-nitrophenyl]azo]-2-naphthalenol chromium complexes | 117527-94-3 | 0.5-1.5 | No Information    | No Information       |
| Diarylide yellow  | 5567-15-7   | 0.5-1.5 | GHS06             | H302-330             |
| Ethyl benzene   | 100-41-4    | 0.1-1.0 | GHS02-GHS07-GHS08 | H225-304-332-373     |

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

## 4. First-aid Measures

**FIRST AID - INHALATION:** Remove from exposure to fresh air.

**FIRST AID - SKIN CONTACT:** Wash off with soap and water.

**FIRST AID - EYE CONTACT:** Immediately flush eyes with large quantities of water for at least 15 minutes until irritation subsides. Get medical attention.

**FIRST AID - INGESTION:** If swallowed, DO NOT INDUCE VOMITING. Get medical attention immediately.

## 5. Fire-fighting Measures

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Extremely Flammable! 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. Store away from caustics and oxidizers. 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. Flammable. Cool fire-exposed containers using water spray.

**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:** 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. Avoid breathing vapors. Provide adequate ventilation. Avoid heat, sparks and open flames. Wear appropriate personal protection. Use in well ventilated area. Empty containers retain product residue (liquid and/or vapor). Vapor can ignite potentially causing an explosion. Do not use in areas where static sparks may be generated.

**STORAGE:** Store away from sources of ignition and heat. Keep away from heat and sources of ignition. Do not store at temperatures above 120 °F (49 °C). 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 alcohol                             | N.E.                 | 1000 ppm STEL         | 1000 ppm TWA,<br>1900 mg/m3 TWA | N.E.                    |
| Toluene                                   | 20 ppm TWA           | N.E.                  | 200 ppm TWA                     | 300 ppm Ceiling         |
| n-Butyl alcohol                           | 20 ppm TWA           | N.E.                  | 100 ppm TWA, 300<br>mg/m3 TWA   | N.E.                    |
| Propylene glycol monomethyl ether acetate | N.E.                 | N.E.                  | N.E.                            | N.E.                    |
| Hydrotreated kerosene                     | N.E.                 | N.E.                  | N.E.                            | N.E.                    |

|   |  |              |                                    |
|---|--|--------------|------------------------------------|
| Isopropyl alcohol   | 200 ppm TWA                                      | 400 ppm STEL | 400 ppm TWA, 980 N.E.<br>mg/m3 TWA |
| Ethylcellulose  | N.E.   | N.E.         | N.E. N.E.                          |
| Dipropylene glycol methyl ether   | 50 ppm TWA<br>Dipropylene glycol<br>methyl ether | N.E.         | 100 ppm TWA, 600 N.E.<br>mg/m3 TWA |
| Amines, C12-14-tert-alkyl, compounds<br>with 1-[[5-(1,1-dimethylpropyl)-2-<br>hydroxy-3-nitrophenyl]azo]-2-<br>naphthalenol 1-[[2-hydroxy-4(or 5)-<br>nitrophenyl]azo]-2-naphthalenol chromium<br>complexes | N.E.   | N.E.         | N.E. N.E.                          |
| Diarylide yellow  | N.E.   | N.E.         | N.E. N.E.                          |
| Ethyl benzene   | 20 ppm TWA                                       | N.E.         | 100 ppm TWA, 435 N.E.<br>mg/m3 TWA |

**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:** When concentrations exceed the exposure limits specified, use of a NIOSH approved supplied air respirator with full facepiece is recommended. Where the protection factor of the respirator may be 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:** Solvent-resistant gloves.



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



**OTHER PROTECTIVE EQUIPMENT:** No Information



**HYGIENIC PRACTICES:** Remove and wash contaminated clothing before re-use.

## 9. Physical and Chemical Properties

|                                       |                             |   |                              |
|---------------------------------------|-----------------------------|---|------------------------------|
| <b>Appearance:</b>                    | Colored                     | <b>Physical State:</b>                    | Liquid                       |
| <b>Odor:</b>                          | Slight Solvent              | <b>Odor Threshold:</b>                    | Not Established              |
| <b>Density, g/cm3:</b>                | 0.85 - 1.16                 | <b>pH:</b>                                | Not Applicable               |
| <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>             | 78.3 - 78.3                 | <b>Auto-Ignition Temperature, °C</b>      | Not Established              |
| <b>Minimum Flash Point, °C:</b>       | 12.8                        | <b>Vapor Pressure, mmHg:</b>              | Not Established              |
| <b>Evaporation Rate:</b>              | Not Established             | <b>Flash Method:</b>                      | Pensky-Martens<br>Closed Cup |
| <b>Vapor Density:</b>                 | Not Established             | <b>Flammability, NFPA:</b>                | Flammable Liquid<br>Class IB |
| <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. 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. Incompatible with strong bases and oxidizing agents.

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

## 11. Toxicological Information

**EFFECT OF OVEREXPOSURE - INHALATION:** Under normal use conditions, this product is not expected to cause adverse health effects. 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.

**CARCINOGENICITY:** No Information

**EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS:** May cause kidney and liver damage as well as developmental and reproductive toxicity. Overexposure or misuse of toluene can cause liver, kidney, and brain damage as well as cardiac abnormalities. There have been cases of aplastic anemia from toluene in industrial exposures (ACGIH, 1992). Increased coagulation time and reduced clotting factors have also been found, which are indicators of damage to the bone marrow (Clayton & Clayton, 1994). Symptoms include: loss of memory, loss of intellectual ability and loss of coordination. Under normal use conditions, this product is not expected to cause adverse health effects. 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:** 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>          |
|----------------|---|------------------|--------------------|----------------------------|
| 64-17-5        | Ethyl alcohol   | 17800 mg/kg Rat  | 17100 mg/kg Rabbit | 116.9 mg/L, 133.8 mg/L Rat |
| 108-88-3       | Toluene   | 2600 mg/kg Rat   | 12000 mg/kg Rabbit | 12.5 mg/L Rat              |
| 71-36-3        | n-Butyl alcohol   | 700 mg/kg Rat    | 3402 mg/kg Rabbit  | N.I.                       |
| 108-65-6       | Propylene glycol monomethyl ether acetat  | 8532 mg/kg Rat   | >5000 mg/kg Rabbit | 16 mg/L Rat                |
| 64742-47-8     | Hydrotreated kerosene   | >5000 mg/kg Rat  | >2000 mg/kg Rabbit | >5.2 mg/L Rat              |
| 67-63-0        | Isopropyl alcohol   | 1870 mg/kg Rat   | 4059 mg/kg Rabbit  | N.I.                       |
| 9004-57-3      | Ethylcellulose  | >5000 mg/kg Rat  | N.I.               | N.I.                       |
| 34590-94-8     | Dipropylene glycol methyl ether   | 5350 mg/kg Rat   | 9500 mg/kg Rabbit  | N.I.                       |
| 117527-94-3    | Amines, C12-14-tert-alkyl, compounds with 1-[[5-(1,1-dimethylpropyl)-2-hydroxy-3-nitrophenyl]azo]-2-naphthalenol 1-[[2-hydroxy-4(or 5)-nitrophenyl]azo]-2-naphthalenol chromium complexes | N.I.             | >2000 mg/kg Rat    | N.I.                       |
| 5567-15-7      | Diarylide yellow  | >1750 mg/kg Rat  | 3000 mg/kg Rat     | 0.23 mg/L Rat              |

100-41-4 Ethyl benzene

3500 mg/kg Rat

15400 mg/kg Rabbit 17.4 mg/L Rat

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. 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: UN1993  
DOT Proper Shipping Name: Flammable liquids, n.o.s.  
DOT Technical Name: (Ethyl alcohol)  
DOT Hazard Class: 3 Flammable liquid  
Hazard SubClass: N.A.  
Packing Group: II

## 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, Serious eye damage or eye irritation, Specific target organ toxicity (single or repeated 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:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| Toluene              | 108-88-3       |
| n-Butyl alcohol      | 71-36-3        |
| Isopropyl alcohol    | 67-63-0        |
| Ethyl benzene        | 100-41-4       |

#### 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:** 1/20/2021

**Reason for revision:** Product Composition Changed  
 Substance and/or Product Properties Changed in Section(s):  
 01 - Product Information  
 09 - Physical & Chemical Information  
 14 - Transportation 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              | 3                    | 0                  | X                           |

**VOC Less Water Less Exempt Solvent, g/L:** 739.7

**VOC Material, g/L:** 727

**VOC as Defined by California Consumer Product Regulation, Wt/Wt%:** 84.27

**VOC Actual, Wt/Wt%:** 85.6

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

|      |  |
|------|--|
| H225 | Highly flammable liquid and vapour.                                |
| H226 | Flammable liquid and vapour.                                       |
| H302 | Harmful if swallowed.  |
| H304 | May be fatal if swallowed and enters airways.                      |
| H315 | Causes skin irritation.  |
| H318 | Causes serious eye damage.   |
| H319 | Causes serious eye irritation.                                     |
| H330 | Fatal if inhaled.  |
| H331 | Toxic if inhaled.  |
| H332 | Harmful if inhaled.  |
| H335 | May cause respiratory irritation.                                  |
| H336 | May cause drowsiness or dizziness.                                 |
| H373 | May cause damage to organs through prolonged or repeated exposure. |

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

GHS02



GHS05



GHS06



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.



