



## 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, 070798040922, 070798040939, 070798040946, 070798040953, 070798040960	<b>Supersedes Date:</b>	1/20/2021
<b>Manufactured For</b>	DAP Global Inc. 2400 Boston Street Suite 200 Baltimore, MD 21224-4723 888-327-8477 (non - emergency matters)	<b>Product Use/Class:</b>	Wood Stain Pen
	SDS Coordinator: MSDS@dap.com	<b>SDS No:</b>	7999104
	Emergency Telephone: 1-800-535-5053, 1-352-323-3500, 1-800-222-1222	<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, 1900 mg/m <sup>3</sup> 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 mg/m <sup>3</sup> TWA	N.E.
Propylene glycol monomethyl ether acetat	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. mg/m3 TWA
Ethylcellulose	N.E.	N.E.	N.E. N.E.
Dipropylene glycol methyl ether	50 ppm TWA	N.E.	100 ppm TWA, 600 N.E. mg/m3 TWA
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.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. 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 Closed Cup
<b>Vapor Density:</b>	Not Established	<b>Flammability, NFPA:</b>	Flammable Liquid 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:**

Health:	Flammability:	Reactivity:	Personal Protection:
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.



