

Material Safety Data Sheet

24 Hour Emergency Phone Numbers:

Medical: 1-800-327-3874

1-513-558-5111

Transportation:

1-800-535-5053

1-352-323-3500

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 •NOTE: 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 MSDS 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.

Section 1 - Chemical Product / Company Information

This Material Safety Data Sheet is available in Canadian French and Hispanic American Spanish upon request.
 Esta hoja de datos de la seguridad de los materiales está disponible en francés canadiense y en español a su solicitud.
 Los Datos de Seguridad del Producto pueden obtenerse en Español si lo requiere.

Product Name: BlendStick - All Colors
Product UPC Number: 7079804010, 7079804012, 7079804020, 7079804022, 7079804028, 7079804030, 7079804032, 7079804038, 7079804040, 7079804042, 7079804048, 7079804050, 7079804080, 7079804081, 7079804083, 7079804085, 7079804086, 7079874180, 7079874185

Revision Date: 09/14/2006

Supercedes: 10/23/2001

Product Use/Class: Wood Stick

MSDS Number: 00030101001

Manufacturer: DAP Inc.
 2400 Boston Street Suite 200
 Baltimore, MD 21224-4723
 888-327-8477 (non-emergency matters)

Section 2 - Composition / Information On Ingredients

Chemical Name	CASRN	WT%	ACGIH TWA	ACGIH STEL	ACGIH CEIL	OSHA TWA	OSHA STEL	OSHA CEIL	Skin
Tall oil, fatty acids	61790-12-3	10-30	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	No
Petroleum wax	64742-43-4	10-30	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	No
Clay treated microcrystalline	64742-42-3	7-13	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	No
Polyethylene	9002-88-4	5-10	10 MGM3	N.E.	N.E.	5 MGM3	N.E.	N.E.	No
Non-Asbestiform Talc	14807-96-6	3-7	2 MGM3	N.E.	N.E.	5 MGM3	N.E.	N.E.	No
Oxidized ethene lithium salt	68609-21-2	1-5	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	No
Pentaerythritol	115-77-5	1-5	10 MGM3	N.E.	N.E.	5 MGM3	N.E.	N.E.	No
Maleic anhydride	108-31-6	1-5	0.1 PPM	N.E.	N.E.	0.25 PPM	N.E.	N.E.	No
Titanium dioxide	13463-67-7	0.5-1.5	10 MGM3	N.E.	N.E.	15 MGM3	N.E.	N.E.	No
Ethylene glycol	107-21-1	0.1-1.0	N.E.	N.E.	100 MGM3	N.E.	N.E.	N.E.	No
Glycol ethers	111-46-6	0.1-1.0	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	No

Exposure Notes:

The talc (CAS number 14807-96-6) within this product naturally contains a non-fibrous tremolite (CAS number 14567-73-8), non-fibrous antigorite (CAS number 12135-86-3), and non-fibrous anthophyllite (CAS number 17068-78-9). Refer to 29 CFR 1910.1000 Table Z3 for the permissible exposure limits associated with non-fibrous talc and these naturally occurring incidental constituents.

Important: Listed Permissible Exposure Levels (PEL) are from the U.S. Dept. of Labor OSHA Final Rule Limits (CFR 29 1910.1000); these limits may vary between states.

Note: An employee's skin exposure to substances having a "YES" in the "SKIN" column in the table above shall be prevented or reduced to the extent

necessary under the circumstances through the use of gloves, coveralls, goggles or other appropriate personal protective equipment, engineering controls or work practices

Section 3 - Hazards Identification

Emergency Overview: A colored solid product with a slight sweet odor. May cause eye, skin, nose, throat and respiratory tract irritation. In an emergency situation, this product should not pose a significant immediate concern for emergency response personnel. This product contains ethylene glycol.

Refer to other MSDS sections for other detailed information.

Effects Of Overexposure - Eye Contact: May cause eye irritation. Not expected to cause eye problems under normal use conditions.

Effects Of Overexposure - Skin Contact: May cause skin irritation. Not expected to cause skin problems under normal use conditions.

Effects Of Overexposure - Inhalation: Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes). Due to the viscosity, this product does not present an aspiration hazard. Dust from dry sanding may cause eye, skin, nose, throat and respiratory tract irritation.

Effects Of Overexposure - Ingestion: Harmful if swallowed. Under normal use conditions, this product is not expected to cause adverse health effects.

Effects Of Overexposure - Chronic Hazards:

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

Primary Route(s) Of Entry: Skin Contact, Eye Contact

Medical Conditions which May be Aggravated by Exposure: None known.

Section 4 - First Aid Measures

First Aid - Eye Contact: If eye irritation persists, consult a specialist. Flush eyes with water as a precaution.

First Aid - Skin Contact: Wash off with soap and water.

First Aid - Inhalation: First Aid: If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

First Aid - Ingestion: If swallowed, DO NOT INDUCE VOMITING. Get medical attention immediately.

Note to Physician: None.

COMMENTS: Call Medical Emergency at 1-800-327-3874 if any irritation or complication arises from any of the above routes of entry.

Section 5 - Fire Fighting Measures

Flash Point, F: Greater than 200 degrees Fahrenheit

Method: (Seta Closed Cup)

Lower Explosive Limit, %: Not Established

Upper Explosive Limit, %: Not Established

Extinguishing Media: Alcohol, Dry Chemical, Foam

Unusual Fire And Explosion Hazards: None known.

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.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Wear proper protective equipment as specified in Section 8. Scrape up dried material and place into containers.

Section 7 - Handling And Storage

Handling: KEEP OUT OF REACH OF CHILDREN! Wash thoroughly after handling. Keep containers away from excessive heat and freezing.

Storage: Store away from caustics and oxidizers. Store containers away from excessive heat and freezing. Keep containers tightly closed. Do not store at temperatures above 120 degrees F.

Section 8 - Exposure Controls / Personal Protection

Precautionary Measures: Please refer to other sections and subsections of this MSDS.

Engineering Controls: Provide sufficient general and/or local exhaust ventilation to maintain exposure below recommended exposure limit.

Respiratory Protection: No personal respiratory protective equipment normally required.

Skin Protection: None Required.

Eye Protection: Goggles or safety glasses with side shields.

Other protective equipment: No special protective equipment required.

Hygienic Practices: Wash contaminated clothing before re-use.

Section 9 - Physical And Chemical Properties

Boiling Range:	240 - 260 F	Vapor Density:	Heavier Than Air
Odor:	Slight Sweet	Odor Threshold:	Not Established
Appearance:	Colored	Evaporation Rate:	Slower Than n-Butyl Acetate
Solubility in H₂O:	Not Established	Specific Gravity:	0.998
Freeze Point:	Not Established	pH:	Between 7.0 and 12.0
Vapor Pressure:	Not Established	Viscosity:	Not Established
Physical State:	Solid		

When reported, vapor pressure of this product has been calculated theoretically based on its constituent makeup and has not been determined experimentally.

(See section 16 for abbreviation legend)

Section 10 - Stability And Reactivity

Conditions To Avoid: Excessive heat or flames, incompatible substances.

Incompatibility: Incompatible with strong bases and oxidizing agents.

Hazardous Decomposition Products: Normal decomposition products, i.e., COx, NOx.

Hazardous Polymerization: Hazardous polymerization will not occur under normal conditions.

Stability: Stable under recommended storage conditions.

Section 11 - Toxicological Information

Product LD50: Not Established

Product LC50: Not Established

CASRN	Chemical Name	LD50	LC50	WT%
9002-88-4	Polyethylene	-----	MICE: 12 gm/m3/30M	5-10
115-77-5	Pentaerythritol	Rat:19500 mg/kg	-----	1-5
107-21-1	Ethylene glycol	Rat:4700 mg/kg	Rat:10876 mg/kg	0.1-1.0
111-46-6	Glycol ethers	Rat:12565 mg/kg	-----	0.1-1.0

Carcinogenicity:

CAS No.	Chemical Name	ACGIH	OSHA	IARC	NTP	WT%
13463-67-7	Titanium dioxide	Not Listed.	Not Listed.	Possible carcinogen.	Not Listed.	0.5-1.5

Significant Data with Possible Relevance to Humans: None.

Section 12 - Ecological Information

Ecological Information: Ecological injuries are not known or expected under normal use.

Section 13 - Disposal Information

Disposal Information: 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.

EPA Waste Code if Discarded (40 CFR Section 261): None

Section 14 - Transportation Information

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

Note: The shipping information provided is applicable for domestic ground transport only. Different categorization may apply if shipped via other modes of transportation and/or to non-domestic destinations.

Section 15 - Regulatory Information

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:

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:

Chemical Name	CAS Number	WT%
Maleic anhydride	108-31-6	1-5

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:

None

U.S. State Regulations**New Jersey Right-to-Know:**

The following materials are non-hazardous, but are among the top five components in this product:

Chemical Name	CAS Number	WT%
Oxidized ethene homopolymer	68441-17-8	10-30
Non-Hazardous Oil / Wax	Proprietary	3-7

Pennsylvania Right-to-Know:

The following non-hazardous ingredients are present in the product at greater than 3%:

Chemical Name	CAS Number	WT%
Oxidized ethene homopolymer	68441-17-8	10-30
Non-Hazardous Oil / Wax	Proprietary	3-7

California Proposition 65:

Warning: The following ingredients present in the product are known to the State of California to cause cancer:

None

Warning: The following ingredients present in the product are known to the State of California to cause birth defects or other reproductive harm:

None

Section 16 - Other Information

HMIS Ratings:

Health: 1

Flammability: 1

Reactivity: 0

Personal Protection: B

VOLATILE ORGANIC COMPOUNDS, GR/LTR: 5.2

LB/GAL: 0.0 WT%: 0.5

REASON FOR REVISION: Periodic Update**Legend:** N.A. – Not Applicable

ACGIH – American Conference of Governmental Industrial Hygienists

N.E. – Not Established	SARA – Superfund Amendments and Reauthorization Act of 1986
N.D. – Not Determined	NJRTK – New Jersey Right-to-Know Law
VOC – Volatile Organic Compound	OSHA – Occupational Safety and Health Administration
PEL – Permissible Exposure Limit	HMIS – Hazardous Materials Identification System
TLV – Threshold Limit Value	NTP – National Toxicology Program
STEL – Short Term Exposure Limit	CEIL – Ceiling Exposure Limit
LD50 – Lethal Dose 50	LC50 – Lethal Concentration 50
F – Degree Fahrenheit	C – Degree Celsius
MSDS – Material Safety Data Sheet	CASRN – The Chemical Abstracts Service Registry Number

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.

<End of MSDS>