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## MATERIAL SAFETY DATA SHEET

MSDS #: 32000

Page 1 of 2

Sanford NA  
2711 Washington Boulevard  
Bellwood, IL 60104  
Phone: 708-547-6650 or 800-323-0749

Emergency Medical Number: 888-786-0972

Creation Date: October 20, 2003

## Section One: Product Information

Product Name: Sharpie Twin Tip Marker  
Colors: Black, Red, Blue, Green, Orange, Purple, Aqua, Lime, Berry, Turquoise

Sanford is a member of The Art and Creative Materials Institute, Inc. This product is certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236 and is labeled with the AP Non Toxic Seal. Products bearing the AP Approved Product Seal of The Art and Creative Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert, subject to review by the Institute Toxicology Advisory Board, to contain no materials in sufficient quantities to be toxic or injurious to humans, or to cause acute toxicity or chronic health problems.

## Section Two: Composition

Dyes, n-propanol (71-23-8), n-butanol (71-36-3), diacetone alcohol (123-42-2)

## Section Three: Hazards Identification

This product is considered safe under normal use conditions.

## Section Four: First Aid Measures

Inhalation: This product is considered safe under normal use conditions.  
Skin Contact: This product is considered safe under normal use conditions.  
Eye Contact: This product is considered safe under normal use conditions.  
Ingestion: This product is considered safe under normal use conditions.

## Section Five: Fire Fighting Measures

Flash Point: 84F Tag Open Cup (ASTM D-1310)  
Flammability Limits (% by volume): Lower: 2.2% in air by volume Upper: 14.0% in air by volume  
Extinguishing Media: As appropriate for surrounding area  
Special Fire Fighting Measures: None

Unusual Fire and Explosion Hazards: None

## Section Six: Accidental Release Measures

In Case of Spill or Accidental Release: Wipe up with absorbent material.

## Section Seven: Handling and Storage

Handling: Do not shake marker.  
Storage: Keep cap on marker when not in use.

V3660

## MATERIAL SAFETY DATA SHEET

MSDS #: 32000

Page 2 of 2

**Section Eight: Exposure Controls and Personal Protection**

Eye Protection: None under normal use conditions.  
 Clothing: None under normal use conditions.  
 Respirator: None under normal use conditions.  
 Ventilation: None under normal use conditions.

**Section Nine: Physical and Chemical Properties**

For ink unless otherwise specified:  
 Boiling Point: 207F (n-propanol)  
 Specific Gravity: 0.80 (n-propanol)  
 Vapor Pressure: 13 mm Hg at 20C (n-propanol)  
 Solubility in Water: Soluble  
 Evaporation Rate: 1.3 (n-propanol)  
 Appearance; Odor: Colored liquid; alcoholic odor

**Section Ten: Stability and Reactivity**

Stability: Stable  
 Conditions to Avoid: Not available  
 Chemical Incompatibility: Not available  
 Hazardous Decomposition: Not available  
 Hazardous Polymerization: Will not occur

**Section Eleven: Toxicological Information**

IARC Monographs: No  
 National Toxicology Program: No  
 OSHA Regulated: No

**Section Twelve: Ecological Information**

Not available

**Section Thirteen: Disposal Considerations**

Dispose in accordance with Federal, State, and Local Regulations.

**Section Fourteen: Transport Information**

Not regulated as a hazardous material by DOT, IMO, or IATA.

**Section Fifteen: Regulatory Information**

TSCA INVENTORY: The product on this Material Safety Data Sheet is not listed on the Toxic Substances Control Act Inventory. All ingredients used to manufacture this product are listed on the TSCA Inventory

**Section Sixteen: Other Information**

HMIS Code	
Health	N/A
Flammability	N/A
Reactivity	N/A
Personal Protection	N/A

0=Minimal / 4 = Severe

Sanford NA has been advised by Counsel that the OSHA Hazard Communication Standard does not apply to the Sanford Product described in this Material Safety Data Sheet. The reason for the exemption is contained in 29 CFR 1910.1200(b)(6)(ix) as amended July 1, 2002 per the Code of Federal Regulations. The information contained in this MSDS is forwarded to you for your information, but is not meant to imply that the product is covered by the Hazard Communication Standard nor is this MSDS meant to comply with all requirements of the Hazard Communication Standard.