

MATERIAL SAFETY DATA SHEET**MSDS # 32700****Section One: Identification**

Sanford, L.P.
2707 Butterfield Road
Oak Brook, IL 60523 USA
800-323-0749 or 630-481-2000

EMERGENCY MEDICAL NUMBER:

888-786-0972

Product Name: Sharpie Retractable Permanent Marker

Colors: All Colors

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: Hazard Identification

This product is considered safe under normal use conditions.

Section Three: Composition

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

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.

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.

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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

See Section Two: Hazard Identification for any hazards

Section Twelve: Ecological Information

Not available

Section Thirteen: Disposal Considerations

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

Section Fourteen: Transport Information

DOT:	Not regulated
IATA:	Not regulated
IMO:	Not regulated

Section Fifteen: Regulatory Information

TSCA: The product listed 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 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, 2006 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.