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SANFORD CORP.

21379-1001

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## Material Safety Data Sheet

MSDS No: 160-34

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Sanford Corporation  
2740 Washington Blvd.  
Bellwood, IL 60104

Telephone No: 1-800-323-0749  
Initiated By: Jamie Paulin  
Date of Last Revision: 11/6/96  
Medical Emergency No: 1-800-228-5635

## Section 1 - Product Identification

Product Name: Expo<sup>®</sup> 2 Dry Erase Markers Bullet, Chisel, Fine, and Ultra Fine Point  
Colors: Black, Red, Blue, Green, Yellow, Orange, Brown, and Purple

Sanford Corporation 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 Toxicological Advisory Board, to contain no materials in sufficient quantities to be toxic or injurious to humans, or to cause acute or chronic health problems.

## Section 2 - Composition

Pigments and resins, ethanol (64-17-5), isopropanol (67-63-0)

## Section 3 - Physical / Chemical Characteristics

For ethanol:

Boiling Point: 79 C  
Vapor Pressure (mm Hg): 25 mm Hg at 20 C  
Specific Gravity: 0.791 at 20 C  
Solubility in Water: Complete  
Appearance / Odor: Water-white liquid, nonresidual odor  
Evaporation Rate: 2.0 (butyl acetate = 1)

## Section 4 - Fire and Explosion Hazard Data

Flash Point ( Method Used ): 66 F (TOC)  
Flammability Limits ( % by volume ): Lower: 3.3% in air by volume Upper: 19.0 % in air by volume  
Extinguishing Medium: N/A  
Special Fire Fighting Procedures: N/A

Unusual Fire and Explosion Hazards: N/A

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**Section 5 - Reactivity Data**

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

**Section 6 - Health Hazard Data**

Chemical Listed as Carcinogen or Potential Carcinogen:

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

This product is not considered toxic under Federal Hazardous Substances Act regulations, Title 16, Part 1500. The product is considered safe when used under normal use conditions.

**Section 7 - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled:	Wipe up with absorbent material and discard in accordance with Federal, State, and Local Regulations.
Waste Disposal Method:	In accordance with Federal, State, and Local Regulations.
Precautions to be Taken in Handling and Storing:	Do not shake marker. Keep cap on marker when not in use.
Other Precautions:	None

**Section 8 - Personal Protection and Exposure Control Measures**

Eye Protection:	None under normal use conditions.
Skin Protection:	None under normal use conditions.
Respiratory Protection:	None under normal use conditions.
Ventilation:	None under normal use conditions.
Protective Clothing:	None under normal use conditions.

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

Sanford Corporation has been advised by council that the OSHA Hazard Communication Standard does not apply to the Sanford Product described in this MSDS. The reason for the exemption is contained in 29 CFR, Part 1910.1200, (b) (6) (ix), as amended July 1, 1994 per Federal Registrar. 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 the MSDS meant to comply with all requirements of the Hazard Communication Standard.