

# Material Safety Data Sheet

MSDS#: 60019

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Sanford Corporation  
2711 Washington Boulevard  
Bellwood, IL 60104

Telephone Number: 1-800-323-0749  
Initiated By: Susan Nyborg  
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Medical Emergency No: 1-800-228-5635

## Section One: Product Identification

Product Name: Uni-Ball Deluxe Roller Ball Pens, Micro and Fine  
Colors: Black, Red, Blue, Green  
Includes: Foils, Legends, and Winners Collection

Writing Instrument Manufacturers Association (WIMA) Certified. Conforms to ASTM D4236. These markers and the inks contained within have been examined by the WIMA board-certified toxicologist in a program of toxicological evaluation to assure they are in compliance with the Federal Hazardous Substances Act (FHSA), Labeling of Hazardous Art Materials Act (LHAMA), and ASTM D4236.

## Section Two: Composition

Water, pigments, propylene glycol (57-55-6)

## Section Three: Physical and Chemical Characteristics

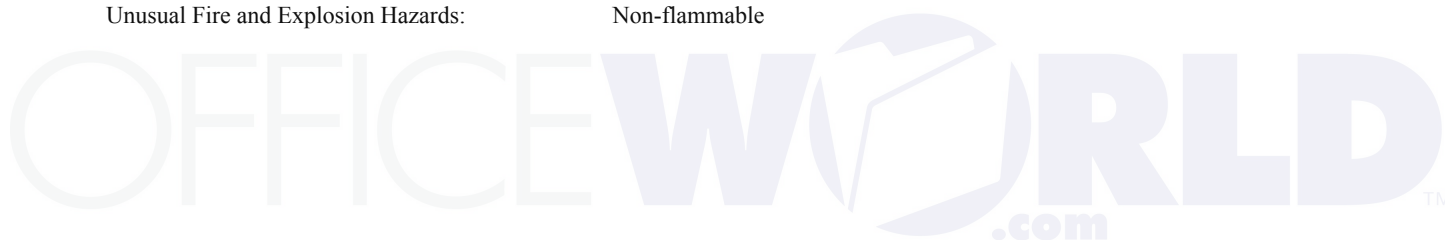
### For product unless otherwise specified:

Boiling Point: 100°C  
Vapor Pressure (mm Hg): Not established  
Specific Gravity: 1.02 – 1.03  
Solubility in Water: 100%  
Appearance and Odor: Colored liquid; no odor  
Evaporation Rate: Not available

## Section Four: Fire and Explosion Hazard Data

Flash Point (Method Used): Not applicable  
Flammability Limits (% by volume): Lower: Not applicable Upper: Not applicable  
Extinguishing Medium: Non-flammable  
Special Fire Fighting Procedures: Non-flammable

Unusual Fire and Explosion Hazards: Non-flammable



### Section Five: Reactivity Data

Stability:	Stable
Conditions to Avoid:	None known
Chemical Incompatibility:	None known
Hazardous Decomposition:	None known
Hazardous Polymerization:	Will not occur.

### Section Six: Health Hazard Data

Chemicals Listed as Carcinogens or Potential Carcinogen:

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

Routes of entry: Inhalation – Not an inhalation hazard. Eyes – Flush with water. Skin – Wash with soap and water. Ingestion – If large quantities are ingested, consult a physician.

### Section Seven: Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spill:	Flush with water.
Waste Disposal Method:	Non-hazardous waste. Dispose in accordance with Federal, State, and Local Regulations.
Precautions to Be Taken in Handling and Storage:	None
Other Precautions:	None

### Section Eight: 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 1910.1200 (b)(6)(ix), as amended July 1, 1994, 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 the MSDS meant to comply with all the requirements of the Hazard Communication Standard.

0 = Minimal / 4 = Severe Hazard