

Material Safety Data Sheet

MSDS#: 1264

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Section One: Product Identification

Product Name: Paper Mate Porous Point and Roller Ball Pens
Colors: All Colors
Includes: Flair (Point Guard, Ultra Fine, Hardhead), Nylon Fiber, Roller Ball Pens (Metal, Flexgrip)

Section Two: Composition

Water, ethylene glycol (107-21-1), glycerin (56-81-5), diethylene glycol (111-46-6), dyes, buffer, surfactant, preservative

Section Three: Physical and Chemical Characteristics

For product unless otherwise specified:

Boiling Point:	Not available
Vapor Pressure (mm Hg):	Similar to water
Specific Gravity:	~1
Solubility in Water:	Soluble
Appearance and Odor:	Colored liquids; mild odor
Evaporation Rate:	Similar to water

Section Four: Fire and Explosion Hazard Data

Flash Point (Method Used):	>200°F (for solvents)
Flammability Limits (% by volume):	Lower: Not available Upper: Not available
Extinguishing Medium:	Dry chemical, foam, carbon dioxide, water fog
Special Fire Fighting Procedures:	In fires involving large quantities, use self-contained breathing apparatus and full protective gear.

Unusual Fire and Explosion Hazards: Hazardous decomposition products may be produced in a fire situation.



Section Five: Reactivity Data

Stability:	Stable
Conditions to Avoid:	Avoid extreme heat temperatures and ignition sources
Chemical Incompatibility:	Oxidizing and reducing agents
Hazardous Decomposition:	May produce oxides of carbon, nitrogen, and various hydrocarbons in a fire.
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 – None under normal use conditions. Eyes – Wash through with clear, tepid water. Skin – Wash with soap and water. Ingestion – The mouth may be cleansed with soap and water. If a large amount is ingested (several pens), consult a physician.

Section Seven: Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spill:	Wipe up with absorbent material.
Waste Disposal Method:	Dispose in accordance with Federal, State, and Local Regulations.
Precautions to Be Taken in Handling and Storage:	Do not shake pen. Keep cap on pen when not in use.
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