

Material Safety Data Sheet

MSDS#: 1592E

Page 1 of 2

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Section One: Product Identification

Product Name: Paper Mate Erasable Pens
Colors: Blue, Black, Red, Pink, Purple, Aqua
Includes: Replay, Replay Futura, EraserMate, Eraser.Max

Section Two: Composition

Solvent naphtha (64742-89-8), xylene (1330-20-7), ethylbenzene (100-41-4)

Section Three: Physical and Chemical Characteristics

For product unless otherwise specified:

Boiling Point: 246°F – 290°F
Vapor Pressure (mm Hg): 26 mm at 100°F
Specific Gravity: ~0.9
Solubility in Water: Negligible
Appearance and Odor: Colored viscous liquid; slight odor
Evaporation Rate: 1.6 est. (n-butyl acetate = 1)

Section Four: Fire and Explosion Hazard Data

Flash Point (Method Used): 55°F (TCC) s
Flammability Limits (% by volume): Lower: Not applicable Upper: Not applicable
Extinguishing Medium: Carbon dioxide, foam, dry chemical, water fog
Special Fire Fighting Procedures: In fires involving large quantities, use self-contained breathing apparatus and other protective gear.
Unusual Fire and Explosion Hazards: Hazardous decomposition products may be released during fire.



Section Five: Reactivity Data

Stability:	Stable
Conditions to Avoid:	None known
Chemical Incompatibility:	None known
Hazardous Decomposition:	Plastic may emit hazardous decomposition products in 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

This product is considered safe under normal use conditions.

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