

#25220-25223

Pg. 1

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMA No. 1218-0072



IDENTITY (As Used on Label and List)
R88 Roller Ball Pen

Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name
Pentel of America, Ltd.

Emergency Telephone Number
(800) 421-1419

Address (Number, Street, City, State, and ZIP Code)
2715 Columbia Street

Telephone Number for Information
(213) 320-3831

Torrance, CA 90503

Date Prepared
9/14/94

Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
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Ethylene glycol

N/A

N/A

N/A

10%

Section III — Physical/Chemical Characteristics

Boiling Point	386.6	Specific Gravity (H ₂ O = 1)	N/A
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	Miscible		
Appearance and Odor	N/A		

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	210°F	Flammable Limits	N/A	LEL	N/A	UEL	N/A
Extinguishing Media	N/A						
Special Fire Fighting Procedures	N/A						
Unusual Fire and Explosion Hazards	N/A						

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Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	N/A

Incompatibility (Materials to Avoid)

Hazardous Decomposition or Byproducts

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	N/A

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	N/A	N/A	N/A

Health Hazards (Acute and Chronic) N/A

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	N/A	N/A	N/A

Signs and Symptoms of Exposure N/A

Medical Conditions Generally Aggravated by Exposure N/A

Emergency and First Aid Procedures Flush with water

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Flush with water

Waste Disposal Method Non-hazardous waste

Precautions to Be Taken in Handling and Storing None

Other Precautions None

Section VIII — Control Measures

Respiratory Protection (Specify Type)			
Ventilation	N/A		
	Local Exhaust	N/A	Special
	Mechanical (General)	N/A	Other
Protective Gloves		N/A	N/A
Other Protective Clothing or Equipment		N/A	N/A
Work/Hygienic Practices		N/A	N/A