

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
 OMB No. 1218-0072



IDENTITY (As Used on Label and List)
 RMJ Roller Pen Refill

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 Torrance, CA 90503	Telephone Number for Information (213) 320-3831
	Date Prepared 2/21/90
	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)
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) 240 °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			

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? N/A	Skin? N/A	Ingestion? N/A
--------------------	--------------------	--------------	-------------------

Health Hazards (Acute and Chronic)

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

Signs and Symptoms of Exposure
N/AMedical Conditions
Generally Aggravated by Exposure N/AEmergency 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 waterWaste Disposal Method
Non-hazardous wastePrecautions to Be Taken in Handling and Storing
NoneOther Precautions
None**Section VIII -- Control Measures**

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