

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): P-500 /P-700		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: <i>Pilot Corporation</i>		Emergency Telephone Number: 03-5487-8181			
Address (Number, Street, City, State & Zip): 8-1 Nishigotanda 2-chome		Telephone Number for Information: 03-5487-8181			
Shinagawa-ku Tokyo 141 Japan		Date Prepared: <i>November 14, 1997</i>			
		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) 40/10
NAME	CAS. NO.	WT. (%)		COMPONENT	
Carbon Black	1333-86-4 N.D.	6.0		Ink (Black)	
Phenol	108-95-25	0.1		Ink (Black)	
Ethylene Glycol	107-21-150	9.0		Ink (Black)	
Trade name and synonyms: Ball Point Pen Ink (BP-S)					
Chemical Family: Glycol ether & dyestuffs.					
Formula: Main Solvent.					
SECTION III - Physical/Chemical Characteristics					
Boiling Point N.A.		More than 401.8°F	Specific Gravity (H ₂ O=1) at 68°	N.D.	
Vapor Pressure (mm Hg.) (AT 68°F) N.A.		0.03	Melting Point	N.A.	
Vapor Density (AIR = 1) N.A.		4.8	Evaporation Rate (Butyl Acetate = 1)	N.A.	
Solubility in Water Miscible N.A.			%Volatile	N.A.	
Appearance and Odor <i>Writing Instrument, no smell</i>					
SECTION IV - Fire and Explosion Hazard Data					
Flash Point (Method Used): (*C) N.D.		Flammable Limits N.A.	LEL N.A.	UEL N.A.	
Extinguishing Media: Water, Dry Chemical					
Special Fire Fighting Precautions N.A.		Auto ignition Temp. © N.A.			
List Hazardous Products of Decomposition N.D.					
Other Advice None					
SECTION V - Reactivity Data					
Stability	Unstable Stable	X	Conditions to Avoid None		
Incompatibility (Materials to Avoid)	N.A.				
Hazardous Decomposition or Byproducts	None				
Hazardous Polymerization	May occur May not occur	X	Conditions to Avoid N.D.		

SECTION VI - Health Hazard Data			
Route(s) of Entry:	Inhalation? N.A.	Skin/Gently rinse the affected skin and eyes with clean water.	Ingestion? Rinse mouth with water. Seek Medical advice.
Health Hazards (Acute and Chronic): N.D.			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
Signs and Symptoms of Exposure: N.D.			
Medical Conditions: N.D. Generally Aggravated by Exposure <i>Inhalation, swallowing, skin contact: no problem. Eye: irritation at the cornea.</i>			
Emergency and First Aid Procedures: N.D.			
SECTION VII - Precautions for Safe Handling and Use			
Waste Disposal Method:			
Precautions to Be Taken in Handling and Storing:			
Other Precautions: <i>None</i>			
SECTION VIII - Control Measures			
Respiratory Protection (Specify Type) <i>N.A.</i>			
Ventilation <i>Not required.</i>	Local Exhaust: <i>Not Required.</i> Mechanical: (General) <i>N.A.</i>		Special: <i>Not Required.</i> Other: <i>Not Required.</i>
Protective Gloves: <i>Use rubber or polyethylene gloves and goggles.</i>	Eye Protection:		
Other Protective Clothing or Equipment: <i>Not Required.</i>			
Work/Hygienic Practices: <i>After handling, wash hands well with soap and water.</i>			

Data Sheet Table of Contents