

FROM : PILOT CORP./MONIQUE BUTLER PHONE NO. : 773 506 9392
 MAY 11 1994 12:49 PILOT CORPORATION:203-377-4824

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20712-XXXX

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)
 V-BALL (BL-VB5)

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 Pilot Corporation	Emergency Telephone Number 03-5487-8181
Address (Number, Street, City, State, and ZIP Code) 8-1 Nishigotanda 2-chome	Telephone Number for Information 03-5487-8181
Shinagawa-ku Tokyo JAPAN	Date Prepared September 14, 1992
	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)
NAME (CAS NO.)	TLV (PEM)	WT Z	COMPONENT	
Phenol (108-95-2)	5	0.3	Ink (black, blue, red)	
			20712-2001	
			- 2101	
			- 3001	
			- 3100	
			- 5001	
			- 5101	

Section III - Physical/Chemical Characteristics

Boiling Point	N.A.	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	N.A.		
Appearance and Odor	Writing Instrument, No Smell		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	N.A.	Flammable Limits	LSL	UEL
Extinguishing Media	Water, dry chemical			
Special Fire Fighting Procedures	N.A.			

Unusual Fire and Explosion Hazards

Item Numbers: 20712-2001, 20712-2101, 20712-3101, 20712-5001, 20712-5101

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Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	None

Incompatibility (Materials to Avoid) N.A.

Hazardous Decomposition or Byproducts N.A.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	None

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? N.A. Skin? Yes (ink) Ingestion? N.D.

Health Hazards (Acute and Chronic) N.D.

Carcinogenicity: NTP? UARC Monographs? OSHA Regulated?

Signs and Symptoms of Exposure N.D.

Medical Conditions Generally Aggravated by Exposure N.D.

Emergency and First Aid Procedures
 EYES: Flush with plenty of water
 SKIN: Wash off in flowing water

Section VII — Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled N.A.

Waste Disposal Method In accordance with national, state and local regulations.

Precautions to be Taken in Handling and Storing None

Other Precautions None

Section VIII — Control Measures

Respiratory Protection (Specify Type) N.A.

Ventilation	Local Exhaust	N.A.	Special	N.A.
	Mechanical (General)	N.A.	Other	N.A.

Protective Gloves N.A. Eye Protection N.A.

Other Protective Clothing or Equipment N.A.

Work Hygiene Practices N.A.