

F.A.O Jim Warten

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MSDS <sup>(1)</sup>  
 MATERIAL SAFETY DATA SHEET  
 SUPPLIERS  
 FOR WAREHOUSERS  
 ENDUSERS

BL-VB5 /BLVB7

Black, Red, Blue

QUICK IDENTIFIER <sup>(2)</sup>

ISO/TC10/SC9/14G7N92

(P.INK-H4-3)

## SECTION I - GENERAL INFORMATION

Manufacturer's Name	PILOT CORPORATION	Telephone No. (Area Code)	03-5487-8181
Address	8-1, Nishigotanda 2-chome, Shinagawa-ku Tokyo, 141 Japan	Telex No. PILOT J 27443	Telefax No. 03-5487-8097
		Date	Prepared by

## SECTION II - HAZARDOUS INGREDIENTS (SPECIFY COMPONENT)

Hazardous Ingredients (Chemical or common name(s)) <sup>(3)</sup>	CAS No.	TLV ppm	weight %	Component
Phenol	108-95-2	5	0.3	INK (Black, Red, Blue)

## SECTION III - PHYS. / CHEM CHARACTERISTICS (SPECIFY COMPONENT)

Appearance and Color	Writing instrument, no smell.		
Boiling Point °C	n. a.	Density (g/cm <sup>3</sup> )	n. a.
Vapor Density (Air=1)	n. a.	Melting Point °C	n. a.
Solubility in Water	n. a.	Evaporation Rate (Butyl Acetate=1)	n. a.
Resurized	yes	no	X
Other Characteristics	None		
	None		

## SECTION IV - FIRE &amp; EXPLOSION HAZARD DATA

Flash Point (Method Used) (°C)	n. a.	Explosion Limits (Vol.%)	LEL n. a.	UEL n. a.
Extinguishing Media	Water, dry chemical.			
Special Fire Fighting Precautions	n. a.	Autoignition Temp. (°C)	n. a.	
Hazardous Products of Decomposition	n. d.			
Other Advice	None			

## IMPORTANT

- Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate as follows: not applicable=n.a.; not determined=n.d.
- Product type and common name (used on Label and List)
- Cited in any National Regulations on the classification, packaging and labelling of dangerous substances, preparations, paints, varnishes, printing inks, adhesives and similar products.
- Part of the mixture which evaporates.

734-VBS

**SECTION V - STORAGE HAZARDS**

Stability Unstable  Conditions  
Stable  to Avoid None

Incompatibility  
(Materials to Avoid) n. a.

Hazardous Products  
of Decomposition n. a.

Hazardous Polymerization May Occur  Conditions  
Will Not Occur  to Avoid None

**SECTION VI - HEALTH HAZARDS**

1. Acute <sup>(5)</sup> n. d. 2. Chronic <sup>(5)</sup> n. d.

Signs and Symptoms <sup>(6)</sup>  
of Overexposure: n. d.

Medical Conditions Generally  
Aggravated by Exposure n. d.

Chemical Listed as Carcinogen No

Emergency and  
First Aid Procedures

Routes of Entry	Emergency Procedures	Seek Medical Advice
Inhalation	n. a.	<input checked="" type="checkbox"/>
Eyes	Flush with plenty of water.	<input checked="" type="checkbox"/>
Skin	Wash off in flowing water.	<input checked="" type="checkbox"/>
Ingestion	n. d.	<input checked="" type="checkbox"/>

**SECTION VII - SPECIAL PRECAUTIONS**

Special Precautions to be Taken  
in Handling None

Other  
Precautions None

Steps to be Taken in Case  
Material is Released or Spilled n. a.

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

**SECTION VIII - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES**

Respiratory Protection  
(Specify Type) n. a.

Ventilation Local Exhaust n. a. Mechanical (General) n. a. Other n. a.

Skin and Eye Protection n. a.

Work/Hygienic Practices n. a.

5) LD<sub>50</sub> shall be noted if known. not applicable=n.a.

6) Health hazard by ingestion or inhalation shall be noted if known. not determined=n.d.