

PIDRO1BK.  
 PIDRO2BK  
 X5 PIDRO3BK  
 PIDRO5BK  
 PIDRO8BK

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

SW-DR
Black, Red, Blue,
QUICK IDENTIFIER <sup>(2)</sup>
ISO/TC10/SC9/WG7N92

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
Carbon black	1333-86-4		0.0~ 8.2	INK
Ethylene glycol	107-21-1		6.4~ 8.2	INK
2-Butoxyethanol	111-76-2		0.4~ 1.5	INK

SECTION III · PHYS. /CHEM. CHARACTERISTICS (SPECIFY COMPONENT)

Appearance and Odor  
 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.
Pressurized	yes	% Volatile <sup>(4)</sup>	n. a.

Other Characteristics  
 None

SECTION IV · FIRE & 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.	
List 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.