

Section 1

Manufacturer's Name Pilot Corporation	Telephone Number 03-3538-3700
Address(Number, Street, City State & Zip) 2-6-21, Kyobashi 2-Chome, Chuo-ku	Fax Number 03-3538-3909
Toyko, 104-8304 Japan	Date Prepared September 25, 2007
	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(PPM)	WT. (%)	COMPONENT	
Xylene	1330-20-7	100	56.3 - 67.6	Ink	
1-Butanol	71-36-3	100	7.5 - 18.0	Ink	
1-Methoxy-2-propanol	107-98-2	100	4.6 - 5.0	Ink (Black)	
Aluminum	7429-90-5			Barrel	

Section III - Physical/Chemical Characteristics

Boiling Point	N.D.	Specific Gravity(H2O=1)	N.D.
Vapor Pressure(mm Hg)	N.D.	Melting Point	N.D.
Vapor Density(Air=1)	N.D.	Evaporation Rate (Butyl Acetate = 1)	N.D.
Solubility in Water N.D.			
Appearance and Odor N.A.			

Section IV - Fire and Explosion Hazard Data

Flash Point(Method Used) N.D.	Flammable Limits N.D.	LEL N.D.	UEL N.D.
Extinguishing Media Use carbon dioxide, dry chemical			
Special Fire Fighting Procedures None			
Unusual Fire and Explosion Hazards None			

Section V- Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	None
Incompatibility (Materials to Avoid)	None		
Hazardous Decomposition or Byproducts	None		
Hazardous Polymerization	May Occur		Condition to Avoid
	May Not Occur	X	None

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes
Health Hazards(Acute and Chronic) N.D.			
Carcinogenicity:	NTP? None	IARC Monographs? None	OSHA Regulated? None

Emergency and First Aid Procedures *Inhalation: Remove to fresh air; seek medical. Ingestion:*

Seek medical. Eyes: Flush with plenty of water; seek medical. Skin: Wash off in flowing water; seek medical

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Soak up with absorbent materials. (Paper/Cloth)

Waste Disposal

In accordance with national, state and local regulations.

Precautions to Be Taken in Handling and Storing

Avoid high temperature.

Other Precautions *N.A.*

Section VIII - Control Measures

Respiratory Protection(Specify Type) *N.A.*

Ventilation	Local Exhaust <i>N.A.</i>	Special <i>N.A.</i>
	Mechanical(General) <i>N.A.</i>	Other <i>N.A.</i>

Protective Gloves <i>N.A.</i>	Eye Protection <i>N.A.</i>
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Other Protective Clothing or Equipment

N.A.

Work/Hygienic Practices

N.A.



(SCAUF)
Black, Blue, Red, Green

SECTION I

Manufacturer's Name The Pilot Ink Co.,LTD	Telephone Number 81-52-733-1561
Address(Number, Street, City State & Zip) 3-17 Midoricho, Shouwa-ku, Nagoya-City	Fax Number 81-52-732-4938
Aichi, 104-0031 Japan	Date Prepared August 21, 2007
	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(PPM)	WT. (%)	COMPONENT	
2-Methoxyethanol	109-86-4	25	50-72	Ink	
Ethyl Alcohol	64-17-50	1,000	0-35	Ink	
2-Methoxyethanol Acetate	110-49-6	25	0-14	Ink	
r-Butyrolactone	96-48-0	N.D.	0-10	Ink	

Section III - Physical/Chemical Characteristics

Boiling Point	N.A.	Specific Gravity(H20=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 N.A.			

Section IV - Fire and Explosion Hazard Data

Flash Point(Method Used) N.A.	Flammable Limits N.A.	LEL N.A.	UEL N.A.
Extinguishing Media Dry Chemical			
Special Fire Fighting Procedures None			
Unusual Fire and Explosion Hazards None			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility (Materials to Avoid)	None		
Hazardous Decomposition or Byproducts	None		
Hazardous Polymerization	May Occur		Condition to Avoid
	May Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry: None	Inhalation? Yes (Ink)	Skin? Yes (Ink)	Ingestion? Yes (Ink)
Health Hazards(Acute and Chronic) N.D.			
Carcinogenicity:	NTP? None	IARC Monographs? 3(r-Butyrolactone)	OSHA Regulated? None
Signs and Symptoms of Exposure N.D.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Flush with thinner, soak up with absorbent materials (paper, cloth)

Waste Disposal

In accordance with national, state and local regulations.

Precautions to Be Taken in Handling and Storing

Avoid ignition sources

Other Precautions

Section VIII - Control MeasuresRespiratory Protection(Specify Type) *Not Required*

Ventilation

Local Exhaust *Not Required*Special *Not Required*Mechanical(General) *Not Required*Other *Not Required*

Protective Gloves

Not Required

Eye Protection

Not Required

Other Protective Clothing or Equipment

Not Required

Work/Hygienic Practices

Not Required