

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
used for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



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.

Manufacturer's Name

Emergency Telephone Number
03-5487-8111

The Pilot Pen Co., Ltd.

Telephone Number for Information

Address (Number, Street, City, State, and ZIP Code)

03-5487-8111

8-1. Nisigotanda 2-chome

Date Prepared

Sinagawa-ku, Tokyo JAPAN

December 12, 1990

Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

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.)	ILV (PPM)		WT. %	COMPONENT	
Aluminum (7429-90-5)	N.D.		14	Ink	
Xylene (1330-20-7)	100		62	Ink	
Aluminum (7429-90-5)	N.D.		-	Barrel	

Section III — Physical/Chemical Characteristics

Section III — Physical/Chemical Characteristics			
Boiling Point	N.A.	Specific Gravity ($H_2O = 1$)	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	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

Will Not Occur

X

Conditions to Avoid

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? yes (Ink) Skin? yes (Ink) Ingestion? yes (Ink)

Health Hazards (Acute and Chronic)

N.D.

Carcinogenicity:

NTP?

IARC Monographs?

OSHA Regulated?

None

None

None

Signs and Symptoms of Exposure

N.D.

Medical Conditions

Generally Aggravated by Exposure

N.D.

Emergency and First Aid Procedures (Ink)

Inhalation, Ingestion: Seek Medical

Eye, Skin: Immediately flush with plenty of water, seek medical

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 Method

In accordance with national, state and local regulations

Precautions to Be Taken in Handling and Storing

Avoid ignition sources

Other Precautions

Inspect for leakage.

Section VIII — Control Measures

Respiratory 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

N.A.