

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

#25226-25229

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IDENTITY (As Used on Label and List)

PRECISE ROLLING BALL INK (BX-5)

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 of America

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

60 Commerce Drive

Trumbull, CT 06611

Emergency Telephone Number

(203) 377-8800

Telephone Number for Information

(203) 377-8800

Date Prepared

June, 1990

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)
PIGMENTS: Dyestuffs			6.5	
SOLVENTS: Diethyleneglycol, Glycerine, 2-Pyrrolidone			14.0-17.0	
OTHERS: Water			79.5-76.3	

CHEMICAL NAME AND SYNONYMS: Water Based Ink

CHEMICAL FAMILY: Mixture Compounds Liquid

TRADE NAME AND SYNONYMS: Precise Rolling Ball 05 Ink (BX-5 Ink)

FORMULA: Main Solvent Water

Section III - Physical/Chemical Characteristics

Boiling Point	215	Specific Gravity (H ₂ O = 1)	1.110
Vapor Pressure (mm Hg.) (at 20°C)	17.5	Melting Point	N/A
Vapor Density (AIR = 1) (at water)	0.62	Evaporation Rate (Butyl Acetate = 1) (on paper)	10-20 seconds
Solubility in Water	Trace		
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	N/A						
Special Fire Fighting Procedures	N/A						
Unusual Fire and Explosion Hazards	N/A						

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid	N/A
	Stable	0		

Incompatibility (Materials to Avoid) N/A

Hazardous Decomposition or Byproducts

Hazardous Polymerization	May Occur		Conditions to Avoid	N/A
	Will Not Occur	0		

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? N/A Skin? N/A Ingestion? N/A

Health Hazards (Acute and Chronic) N/A

Carcinogenicity: NTP? N/A IARC Monographs? OSHA Regulated? N/A

Signs and Symptoms of Exposure N/A

Medical Conditions Generally Aggravated by Exposure N/A

Emergency and First Aid Procedures

SKIN: Clean with a lot of water

EYES: Rinse with copious amounts of water

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Wash with a lot of water, soap or bleaching agents

Waste Disposal Method

In accordance with national, state and local regulations

Precautions to Be Taken in Handling and Storing

N/A

Other Precautions N/A

Section VIII — Control Measures

Respiratory Protection (Specify Type)

Ventilation		N/A		
	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