

**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  
Page 1



**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**

<b>Manufacturer's Name</b> Pilot Corporation of America	<b>Emergency Telephone Number</b> (203) 377-8800
<b>Address (Number, Street, City, State, and ZIP Code)</b> 60 Commerce Drive Trumbull, CT 06611	<b>Telephone Number for Information</b> (203) 377-8800
	<b>Date Prepared</b> June, 1990
	<b>Signature of Preparer (optional)</b>

**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	

25226-25229

**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**

<b>Boiling Point</b>	215	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	1.110
<b>Vapor Pressure (mm Hg.)</b> (at 20°C)	17.5	<b>Melting Point</b>	N/A
<b>Vapor Density (AIR = 1)</b> (at water)	0.62	<b>Evaporation Rate</b> (Butyl Acetate = 1) (on paper)	10-20 seconds
<b>Solubility in Water</b>	Trace		
<b>Appearance and Odor</b>	N/A		

**Section IV - Fire and Explosion Hazard Data**

<b>Flash Point (Method Used)</b>	N/A	<b>Flammable Limits</b>	N/A	<b>LEL</b>	N/A	<b>UEL</b>	N/A
<b>Extinguishing Media</b>	N/A						
<b>Special Fire Fighting Procedures</b>	N/A						
<b>Unusual Fire and Explosion Hazards</b>	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) N/A

Ventilation	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/Hygienic Practices N/A