

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



IDENTITY (As Used on Label and List)
PRECISE ROLLING BALL INK (BX-5 INK)

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	Emergency Telephone Number 203-377-8800
Address (Number, Street, City, State, and ZIP Code) 60 COMMERCE DRIVE	Telephone Number for Information 203-377-8800
TRUMBULL, CT. 06611	Date Prepared NOVEMBER 1986
	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 SYNONMS :	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	NA
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	NA		

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	NA	Flammable Limits	NA	LEL	NA	UEL	NA
Extinguishing Media	NA						
Special Fire Fighting Procedures	NA						
Unusual Fire and Explosion Hazards	NA						

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid	NA
	Stable	0		

Incompatibility (Materials to Avoid) NA

Hazardous Decomposition or Byproducts

Hazardous Polymerization	May Occur		Conditions to Avoid	NA
	Will Not Occur	0		

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? NA Skin? NA Ingestion? NA

Health Hazards (Acute and Chronic) NA

Carcinogenicity: NTP? NA IARC Monographs? OSHA Regulated? NA

Signs and Symptoms of Exposure NA

Medical Conditions Generally Aggravated by Exposure NA

Emergency and First Aid Procedures
 SKIN: CLEANING WITH A LOT OF WATER OR SOAP
 EYE: 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
 WASHING WITH ALOT OF WATER, SOAP OR BLEACHING AGENTS.

Waste Disposal Method
 WASHING WITH ALOT OF WATER, SOAP OR BLEACHING AGENTS.

Precautions to Be Taken in Handling and Storing
 NA

Other Precautions
 NA

Section VIII — Control Measures

Respiratory Protection (Specify Type)
 NA

Ventilation	Local Exhaust	Special	NA
	Mechanical (General)	Other	NA

Protective Gloves NA Eye Protection NA

Other Protective Clothing or Equipment
 NA

Work/Hygienic Practices
 NA