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PILOT CORP CUS SERVICE

002

Precise Rolling Ball

Pilot Precise Pen

20716-XXXX

04-02-04 ✓

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 07 Ink (BX5/7, LB5/7, PY5/7, BL100, BLC5/7)		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 & Zip) 60 Commerce Drive		Telephone Number for Information (203) 377-8800	
Trumbull, CT 06611		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: <i>Dyestuffs</i>		7.5	
Solvents: <i>Diethyleneglyol, Glycerine, 2-Pyrrolidone</i>		18.0-19.0	
Others: <i>Water</i>			
Chemical Names and Synonyms: <i>Water based Ink</i>			
Chemical Family: <i>Mixture Compounds Liquid</i>			
Trade Name and Synonyms: <i>Precise Rolling Ball 07 Ink (BX-7 Ink)</i>			
Formula: <i>Main Solvent Water</i>			
Section III - Physical/Chemical Characteristics N.D. (Not Determined)			
Boiling Point	2.15	Specific Gravity (H2O=1)	1.090
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)	10-20 seconds
Solubility in Water <i>Trace</i>			
Appearance and Odor N.A.			
Section IV - Fire and Explosion Hazard Data			
Flash Point (Method Used) <i>N.A.</i>	Flammable Limits <i>N.A.</i>	LEL <i>N.A.</i>	UEL <i>N.A.</i>
Extinguishing Media <i>N.A.</i>			
Special Fire Fighting Procedures <i>N.A.</i>			
Unusual Fire and Explosion Hazards <i>N.A.</i>			
Section V - Reactivity Data			
Stability	Unstable	0	Conditions to Avoid <i>N.A.</i>
	Stable		

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Incompatibility (Materials to Avoid)	N.A.		
Hazardous Decomposition or Byproducts	N.A.		
Hazardous Polymerization	May Occur		Condition to Avoid N.A.
	May Not Occur	0	
Section VI - Health Hazard Data			
Route(s) of Entry: N.A.	Inhalation? N.A.	Skin? N.A.	Ingestion? N.A.
Health Hazards (Acute and Chronic) N.A.			
Carcinogenicity:	NTP? N.A.	IARC Monographs? N.A.	OSHA Regulated? N.A.
Signs and Symptoms of Exposure N.A.			
Medical Conditions Generally Aggravated by Exposure N.D.			
Emergency and First Aid Procedures Skin: <i>Wash and flush with plenty of water. Eyes immediately flush with plenty of water.</i>			
Section VII - Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material is Released or Spilled			
<i>Wash with water, soap or bleaching agents.</i>			
Waste Disposal			
<i>In accordance with national, state and local regulations</i>			
Precautions to Be Taken in Handling and Storage			
N.A.			
Other Precautions N.A.			
Section VIII - Control Measures			
Respiratory Protection (Specify Type) N.A.			
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/Hygienic Practices N.A.			