

01/28/2003 11:45 FAX 203 377 4024

PILOT CORP CU'S SERVICE

0002

V-Ball

20776 - x x x x

Rev'd 01-28-03

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) - V-BALL (BX5/7, BL100, PV5/7, BLC5/7, LB5/7)		Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, this space must be marked to indicate that.	
Section I			
Manufacturer's Name The Pilot Precision Co., LTD		Telephone Number +81-463-55-1230	
Address(Number, Street, City State & Zip) 1667 Tamura Hiratsuka-City		Fax Number +81-463-55-1392	
Kanagawa, Japan 254-0013		Date Prepared December 27, 2001	
		Signature of Preparer(Optional)	
Section II - Hazardous Ingredients/Identity Information			
Hazardous Components(Specific Chemical Identity;Common Name(s))		OSHA PEL	ACGIH TLV
NAME	CAS. NO.	TLV(PPM)	WT. (%)
Phenol	108-95-2	5	0.3
		COMPONENT	
		Ink (black,blue,red)	
Section III - Physical/Chemical Characteristics			
Boiling Point	N.A.	Specific Gravity (H2O=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 Writing Instrument, No smell			
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 Water, dry chemical			
Special Fire Fighting Procedures None			
Unusual Fire and Explosion Hazards None			
Section V- Reactivity Data			
Stability	Unstable	Conditions to Avoid	

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	Stable	X	None
Incompatibility (Materials to Avoid)	None		
Hazardous Decomposition or Byproducts	None		
Hazardous Polymerization	May Occur		Condition to Avoid
	May Not Occur	X	None
Section VI - Health Hazard Data			
Route(s) of Entry: <i>N.A.</i>	Inhalation? <i>Yes (Ink)</i>	Skin? <i>Yes (Ink)</i>	Ingestion? <i>N.A.</i>
Health Hazards (Acute and Chronic) <i>N.A.</i>			
Carcinogenicity:	NTP: <i>None</i>	IARC Monographs?	OSHA Regulated? <i>None</i>
Signs and Symptoms of Exposure <i>N.D.</i>			
Medical Conditions			
Generally Aggravated by Exposure <i>N.D.</i>			
Emergency and First Aid Procedures <i>Eyes: Flush with plenty of water; Skin: Wash off in water.</i>			
Section VII - Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material is Released or Spilled			
<i>N.A.</i>			
Waste Disposal			
<i>In accordance with national, state and local regulations.</i>			
Precautions to Be Taken in Handling and Storing			
<i>N.A.</i>			
Other Precautions <i>N.A.</i>			
Section VIII - Control Measures			
Respiratory Protection (Specify Type) <i>N.A.</i>			
Ventilation	Local Exhaust <i>N.A.</i>	Special <i>N.A.</i>	
	Mechanical (General) <i>N.A.</i>	Other <i>N.A.</i>	
Protective Gloves		Eye Protection	
<i>N.A.</i>		<i>N.A.</i>	
Other Protective Clothing or Equipment			
<i>N.A.</i>			
Work/Hygienic Practices			
<i>N.A.</i>			