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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 (BL-VB5) 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	Emergency Telephone Number
Pilot Corporation	03-5487-8181
Address (Number, Street City, Stats, and ZIP Code) 8-1 Nishigotanda 2-chome	Telephone Number for Information 03-5487-8181
Shinagawa-ku Tokyo JAPAN	Date Prepared September 14, 1992
	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Recommended	% (optional)

NAME (CAS NO.)	TLV (PPM)	WI Z	COMPONENT		
Phenol (108-95-2)	5	0.3	Ink (black, blue, red)		

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Section III - Physical/Ch	emical Charact	teristics	· · ·	•	
Bolling Point		N.A.	Specific Gravity (H ₂ O = 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.		2	· · · · · · · · · · · · · · · · · · ·		
Appearance and Odor Writing Instrumen	c, No Smell				
Section IV - Fire and Ex	plosion Hazard	Data			
Flash Point (Method Used) N.A.			Flammable Umits	LEL N.A.	UEL N.A.
Edinguishing Media Water, dry chemic	al		· · · · · · · · · · · · · · · · · · ·	2	
Special Fire Fighting Procedures				•	•
Unusual Fire and Explosion Hazar	ds N.A.				t sector a s
(Reproduce locally)		···	· · · · · · · · · · · · · · · · · · ·	~~~	-1A 174, Sept. 1985
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Section V	- Reactivity Data				10100	10101	UN C
Section v -	Unstable		Conditions to Avoid				
,	Stable						
1		X	None				
	(Materials to Avoid)	N.	A		· · · · · · · · · · · · · · · · · · ·		
Hazardous Deco	emposition or Byprodu	rls N.	A.				
Hazardous Polymerization	May Occur		Conditions to Avoid				
raymenzation	Will Not Occur	x	None		······	· · · · ·	
Section VI -	- Health Hazard	Data	L			·	
Route(s) of Entr	y: inhai	ation?.	N.A.	Skin? Yes	(ink)	Ingestion? N.D.	
Health Hazards	(Acute and Chronic)						
		N.D.				·	
Carcinogenicity.	NTP	?	<u></u>	IARC Monog	raphs?	OSHA Regulated?	
Signs and Symp	noms of Exposure N.						
	N.	D					
Medical Condition Generally Aggra	ons vated by Exposure	N.D	•				
Emergency and	First Aid Procedures	EY	ES: Flush with	plenty of	water .		
		SK	IN: Wash off in	flowing	water		
Section VII -	- Precautions fo	r Saf	e Handling and Use			· · ·	
	ten in Case Material Is						
· · · · · · · · · · · · · · · · · · ·				<u></u>			
Waste Disposal In accor	Method dance with na	tion	al, state and lo	cal regul	lations		
	•						
Precautions to B	e Taken in Handling e	ind Sta	None			:	
Other Precaution	None					<u> </u>	
			<u> </u>				
Section VIII	- Control Measu	res					
	ction (Specify Type)	N.A	··_·			•	
Ventilation	Local Exhaust	A.N	•	(s	pecial		
		N.A	•		N.A	· · · · · · · · · · · · · · · · · · ·	
	Mechanical (General)	N.A	•		ther		
Protective Gloves	N.A.			Eye Protei	N.A.	•	
other Protective	Clothing or Equipment	1	N.A.				<u></u>
Vork/Hygienic Pr		<u> </u>			· · · · · · · · · · · · · · · · · · ·		
	N.A.						

* USAPA: 1986-491-529/43775

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