

Dr. Grip Better Retractable  
3-17-05

21822-all codes

<b>Material Safety Data Sheet</b> 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
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<b>IDENTITY</b> (As used on Label and list) - Dr. Grip Retractable BP Refill Ink: BRFS2 (BDG1, BDGNE, BPX, BREN, BGX30, BZR, BP145) Black, Blue, Red, Green, Purple	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.
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**Section I**

Manufacturer's Name <b>PILOT Corporation</b>	Telephone Number <b>81-3-3538-3700</b>
Address(Number, Street, City State & Zip) <b>2-6-21, Kyobashi, Chuoku</b>	Fax Number <b>81-3-3538-3909</b>
<b>Tokyo, 104-8304 Japan</b>	Date Prepared <b>January 5th, 2004</b>
	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)
NAME	CAS. NO.	WT. (%)	COMPONENT		
<i>Complex Dyestuff</i>					
<i>Acid Yellow 42 &amp; Basic Yellow 2</i>	72939-51-6	4.5 (Black Ink)			Ink
<i>Acid Yellow</i>	6375-55-9				
<i>Basic Yellow</i>	2465-27-2	On OSHA & Pro 65 list.			

**Section III - Physical/Chemical Characteristics**

Boiling Point	N.D.	Specific Gravity (H2O=1)	N.D.
Vapor Pressure(mm Hg)	N.D.	Melting Point	N.D.
Vapor Density(Air=1)	N.D.	Evaporation Rate (Butyl Acetate = 1)	N.D.

Solubility in Water *N.D.*

Appearance and Odor

*Color Liquid, Less Smell*

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

Flash Point(Method Used) <i>N.D.</i>	Flammable Limits <i>N.D.</i>	LEL	UEL
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Extinguishing Media *N.D.*

Special Fire Fighting Procedures *None*

Unusual Fire and Explosion Hazards *None*

**Section V- Reactivity Data**

V34A

Dr. Grip Better Retractable

Stability	Unstable		Conditions to Avoid
	Stable	0	
Incompatibility (Materials to Avoid)	None		
Hazardous Decomposition or Byproducts	N.D.		
Hazardous Polymerization	May Occur		Condition to Avoid
	May Not Occur	0	
<b>Section VI - Health Hazard Data</b>			
Route(s) of Entry: <i>None</i>	Inhalation?	Skin?	Ingestion?
Health Hazards (Acute and Chronic) <i>N.D.</i>			
Carcinogenicity:	NTP? <i>None</i>	IARC Monographs? <i>2B</i>	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>N/A (Not Applicable)</i>			
<b>Section VII - Precautions for Safe Handling and Use</b>			
Steps to Be Taken in Case Material is Released or Spilled			
<i>Flush with thinner, soak up with absorbent materials.</i>			
Waste Disposal			
<i>In accordance with national, state and local regulations.</i>			
Precautions to Be Taken in Handling and Storing			
<i>Avoid ignition sources</i>			
Other Precautions <i>None</i>			
<b>Section VIII - Control Measures</b>			
Respiratory Protection (Specify Type) <i>Not Required</i>			
Ventilation	Local Exhaust <i>Not Required</i>	Special <i>Not Required</i>	
	Mechanical (General) <i>Not Required</i>	Other <i>Not Required</i>	
Protective Gloves	Eye Protection		
<i>Not Required</i>	<i>Not Required</i>		
Other Protective Clothing or Equipment			
<i>Not Required</i>			
Work/Hygienic Practices			
<i>Not Required</i>			