

<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.		<b>U.S. Department of Labor</b> Occupational Safety and Health Administration(Non-Mandatory Form) Form Approved OMB No. 1218-0072			
<b>IDENTITY</b> (As used on Label and list) - RFJS-GP-B (ballpoint pen ) SWSL-L/P/Y Marker		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.			
<b>SECTION I</b>					
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>October 26, 2010</b>			
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<b>Section II - Hazardous Ingredients/Identity Information</b>					
Hazardous Components(Specific Chemical Identity;Common Name(s))		OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
NAME	CAS. NO.	TLV(PPM)	WT. (%)	COMPONENT	
<b>Chromium(Chromium Compounds)</b>	<b>N.A.</b>	<b>N.A.</b>	<b>N.A.</b>	<b>Black</b>	
<b>Phenol</b>	<b>108-95-2</b>	<b>N.A.</b>	<b>.3</b>	<b>Ink All Colors</b>	
<b>Diethanolamine</b>	<b>111-42-2</b>	<b>N.A.</b>	<b>3.2</b>	<b>Yellow</b>	
<b>Triethanolamine</b>	<b>102-71-6</b>	<b>N.A.</b>	<b>9.5</b>	<b>Yellow</b>	
<b>Section III - Physical/Chemical Characteristics</b>					
Boiling Point		<b>About 100C</b>		Specific Gravity (H20=1)	<b>N.A.</b>
Vapor Pressure(mm Hg)		<b>N.D.</b>		Melting Point	<b>N.A.</b>
Vapor Density(Air=1)		<b>N.D.</b>		Evaporation Rate (Butyl Acetate = 1)	<b>N.A.</b>
Solubility in Water <b>Insoluble (B); Soluble (L,P,Y)</b>					
Appearance and Odor <b>Slight Characteristic (Odor); Viscosity liquid (Appearance)</b>					
<b>Section IV - Fire and Explosion Hazard Data</b>					
Flash Point(Method Used) <b>110C (B); Boils w/o flashing (L, P, Y)</b>		Flammable Limits <b>N.D.</b>		LEL <b>N.D.</b>	UEL <b>N.D.</b>
Extinguishing Media <b>In case of fire, use water spray, foam or dry chemical powder or carbon dioxide</b>					
Special Fire Fighting Procedures <b>N.A.</b>					
Autoignition Temp. <b>N.D.</b>					
Unusual Fire and Explosion Hazards <b>CO2, CO, NOx and SOx, is produced after combustion.</b>					
<b>Section V- Storage Hazards</b>					
Stability	Unstable			Conditions to Avoid	
	Stable		<b>X</b>	<b>None</b>	

Incompatibility (Materials to Avoid)	<i>N.A.</i>		
Hazardous Decomposition or Byproducts	<i>N.A.</i>		
Hazardous Polymerization	May Occur		Condition to Avoid
	May Not Occur	<b>X</b>	<i>None</i>
<b>Section VI - Health Hazard Data</b>			
Route(s) of Entry: <i>None</i>	Inhalation? <i>N.A.</i>	Skin? <i>Yes (Ink)</i>	Ingestion? <i>Yes (Ink)</i>
Health Hazards(Acute and Chronic) <i>N.D.</i>			
Signs and Symptoms of Exposure <i>Intentional exposure to ink vapors may cause respiratory irritation. May cause upset stomach. May cause irritation to skin. Eye contact may be mildly irritating.</i>			
Medical Conditions Generally Aggravated by Exposure <i>N.D.</i>			
Emergency and First Aid Procedures ; Inhalation : <i>N.A.</i> Eyes: <i>Flush with plenty of water for at least 15min, consult medical</i> Skin: <i>Wash with soap &amp; water</i> Ingestion: <i>Drink milk and consult medical.</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 water, 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>Store in a dry, cool, well-ventilated location.</i>			
Other Precautions			
<i>Only use as a writing instrument. Not to be used for anything else.</i>			
<b>Section VIII - Control Measures</b>			
Respiratory Protection(Specify Type) <i>Not Required</i>			
Ventilation <i>Store in a well ventilated location.</i>	Local Exhaust <i>Properly ventilated area</i>	Special <i>Not Required</i>	
	Mechanical(General) <i>Not Required</i>	Other <i>Not Required</i>	
Protective Gloves <i>Wear suitable gloves</i>	Eye Protection <i>Goggles.</i>		
Other Protective Clothing or Equipment <i>Wear suitable protective clothing.</i>			
Work/Hygienic Practices <i>After handling, wash hands well with soap and water</i>			

 [Return to Data Sheet Index](#)

**[RETURN TO DATA SHEET INDEX](#)**