

<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) <b>Spotliter Ink</b> <b>(SWSL, SF13M)</b> <b>Yellow, Pink, Orange, Green, Purple, Non-repro Blue</b>		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 1</b>					
Manufacturer's Name <b>PILOT CORPORATION</b>		Telephone Number <b>03-3538-3700</b>			
Address(Number, Street, City State & Zip) <b>6-21, Kyobashi 2-Chome, Chuo-ku</b>		Fax Number <b>03-3538-3909</b>			
<b>Toyko, 104-8304 Japan</b>		Date Prepared <b>August 21, 2007</b>			
		Signature of Preparer(Optional)			
<b>Section II - Hazardous Ingredients/Identity Information</b>					
Hazardous Components(Specific Chemical Identity;Common Name(s))		OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Pigments: <b>Dyestuffs</b> .....				<b>6.0</b>	
Solvents: <b>Glycerine, Diethylene Glycol, 2-Pyrrolidone, Triethanolamine</b>					
Others: <b>Water</b>					
Chemical Names and Synonyms: <b>Water based Ink</b>					
Chemical Family: <b>Mixture Compounds Liquid</b>					
Trade Name and Synonyms: <b>Spotliner Ink (SW-SL Ink)</b>					
Formula: <b>Main Solvent Water</b>					
<b>Section III - Physical/Chemical Characteristics</b>					
Boiling Point	<b>215</b>	Specific Gravity(H <sub>2</sub> O=1)	<b>1.060</b>		
Vapor Pressure(mm Hg) (at 20°C)	<b>17.5</b>	Melting Point	<b>N.A.</b>		
Vapor Density(Air=1) (at water)	<b>0.62</b>	Evaporation Rate (Butyl Acetate = 1)	<b>10-20 seconds</b>		
Solubility in Water <b>Trace</b>					
Appearance and Odor <b>N.A.</b>					
<b>Section IV - Fire and Explosion Hazard Data</b>					
Flash Point(Method Used)	<b>N.A.</b>	Flammable Limits	<b>N.A.</b>	LEL	<b>N.A.</b> UEL <b>N.A.</b>
Extinguishing Media <b>N.A.</b>					
Special Fire Fighting Procedures <b>N.A.</b>					
Unusual Fire and Explosion Hazards <b>N.A.</b>					

<b>Section V- Reactivity Data</b>			
Stability	Unstable		Conditions to Avoid <i>N.A.</i>
	Stable	0	<i>N.A.</i>
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	0	<i>N.A.</i>
<b>Section VI - Health Hazard Data</b>			
Route(s) of Entry: <i>N.A.</i>	Inhalation? <i>N.A.</i>	Skin? <i>N.A.</i>	Ingestion? <i>N.A.</i>
Health Hazards(Acute and Chronic) <i>N.A.</i>			
Carcinogenicity:	NTP? <i>N.A.</i>	IARC Monographs? <i>N.A.</i>	OSHA Regulated? <i>N.A.</i>
Signs and Symptoms of Exposure <i>N.A.</i>			
Medical Conditions			
Generally Aggravated by Exposure <i>N.D</i>			
Emergency and First Aid Procedures <i>Skin: Clean and flush with plenty of water. Eyes immediately flush with plenty of water.</i>			
<b>Section VII - Precautions for Safe Handling and Use</b>			
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 Storing			
<i>N.A.</i>			
Other Precautions <i>N.A.</i>			
<b>Section VIII - Control Measures</b>			
Respiratory Protection(Specify Type) <i>N.A.</i>			

Ventilation <i>N.A.</i>	Local Exhaust <i>N.A.</i>	Special <i>N.A.</i>
	Mechanical(General) <i>N.A.</i>	Other <i>N.A.</i>
Protective Gloves <i>N.A.</i>	Eye Protection <i>N.A.</i>	
Other Protective Clothing or Equipment <i>N.A.</i>		
Work/Hygienic Practices <i>N.A.</i>		

RETURN TO DATA SHEET INDEX