

G-2

3-17-05

Pilot G2 Gel Pen

21821 - all Codes

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) - G2 Refill Ink: BG25/7R (G25/7, G67, BDGL7, BDGG7, BENG) 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.			
SECTION I					
Manufacturer's Name PILOT Corporation		Telephone Number 81-3-3538-3700			
Address (Number, Street, City State & Zip) 2-6-21, Kyobashi, Chuoku		Fax Number 81-3-3538-3909			
Tokyo, 104-8304 Japan		Date Prepared January 5th, 2004			
		Prepared by T. Fukasawa			
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.	TLV (PPM)	WT. (%)	COMPONENT	
<i>Ethylene Glycol</i>	<i>107-21-1</i>	<i>N.A.</i>	<i>20.0</i>	<i>INK</i>	
<i>Triethanolamine</i>	<i>102-71-6</i>		<i>5.0</i>		
Section III - Physical/Chemical Characteristics					
Boiling Point <i>N.D.</i>		<i>N.A.</i>	Specific Gravity (H2O=1)	<i>N.A.</i>	
Vapor Pressure (mm Hg) <i>N.D.</i>		<i>N.A.</i>	Melting Point	<i>N.A.</i>	
Vapor Density (Air=1) <i>N.D.</i>		<i>N.A.</i>	Evaporation Rate (Butyl Acetate = 1)	<i>N.A.</i>	
Solubility in Water <i>N.D.</i>					
Appearance and Odor <i>Writing instrument, No Smell</i>					
Section IV - Fire and Explosion Hazard Data					
Flash Point (Method Used) <i>N.D.</i>		Flammable Limits <i>N.D.</i>		LEL <i>N.D.</i>	UEL <i>N.D.</i>
Extinguishing Media <i>In case of fire, use water spray, foam or dry chemical powder or carbon dioxide</i>					
Special Fire Fighting Procedures <i>N.A.</i>					
Autoignition Temp <i>N.D.</i>					
Unusual Fire and Explosion Hazards <i>N.A.</i>					
Section V - Storage Hazards					
Stability	Unstable		Conditions to Avoid		
	Stable	X	<i>None</i>		
Incompatibility					

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(Materials to Avoid)	<i>N.A.</i>		
Hazardous Decomposition or Byproducts	<i>N.A.</i>		
Hazardous Polymerization	May Occur		Condition to Avoid <i>None</i>
	May Not Occur	X	
Section VI - Health Hazard Data			
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>N.D.</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, consult medical</i> Skin: <i>Wash with soap & water</i> Ingestion: <i>Drink milk and consult medical.</i>			
Section VII - Precautions for Safe Handling and Use			
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>None</i>			
Other Precautions			
<i>None</i>			
Section VIII - Control Measures			
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>Rubber or polyethylene gloves</i>	<i>Goggles.</i>		
Other Protective Clothing or Equipment	<i>Not Required</i>		
Work/Hygienic Practices	<i>After handling, wash hands well with soap and water</i>		