

Frixion Gel Pen

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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) - FRIXION ERASABLE GEL PEN FX7, BFX72, FX7C3- Black, Blue, Red		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 03-3538-3700	
Address(Number, Street, City State & Zip) 2-6-21, Kyobashi 2- Chuoku		Fax Number 03-3538-3909	
Tokyo,104-8304 Japan		Date Prepared 2 13 08	
		Prepared by	
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. (%)
Triethanolamine	102-71-6		
Section III - Physical/Chemical Characteristics			
Boiling Point <i>N.D.</i>	More than 401.8 deg. F		PH
Vapor Pressure(mm Hg) <i>(At 68 deg. F)</i>	0.03		Melting Point
Vapor Density(Air=1)	1.05-1.07		Evaporation Rate (Butyl Acetate = 1)
Solubility in Water Soluable			
Appearance and Odor Writing instrument, No smell			
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 Carbon Tetrachloride, Carbon Dioxide, Sodium Dicarbonate.			
Special Fire Fighting Procedures Use foam Carbon Dioxide, Dry Chemical Water. Spray may be used to reduce the rate of burning and for cooling the containers.			
Autoignition Temp. <i>N.D.</i>			
Unusual Fire and Explosion Hazards			
Section V- Storage Hazards			
Stability	Unstable		Conditions to Avoid
	Stable	X	None
Incompatibility (Materials to Avoid)	N.A.		
Hazardous Decomposition or Byproducts	N.A.		
Hazardous Polymerization	May Occur		Condition to Avoid

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	May Not Occur	X	None
Section VI - Health Hazard Data			
Route(s) of Entry: <i>None</i>	Inhalation? <i>N.A.</i>	Skin?	Ingestion?
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>Inhalation, swallowing, skin contact</i>			
Emergency and First Aid Procedures ; Inhalation : <i>Remove patient from area to fresh air ; remove material with blotting paper.</i> Eyes: <i>Rinse with clean water, consult medical</i> Skin: <i>Wash with soap & water</i> Ingestion: <i>Dispense generous amounts of liquid.</i>			
Section VII - Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material is Released or Spilled			
<i>Absorb spill with material (cloth or paper)</i>			
Waste Disposal			
<i>In accordance with National, State and Local regulations.</i>			
Precautions to Be Taken in Handling and Storing			
<i>Store in well-ventilated and cool places. Separate from source of ignition.</i>			
Other Precautions			
<i>Inspect for leakage.</i>			
Section VIII - Control Measures			
Respiratory Protection(Specify Type) <i>Chemical Cartridge respirators.</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>Glasses.</i>		
Other Protective Clothing or Equipment			
Work/Hygienic Practices			
<i>After handling, wash hands well with soap and water</i>			

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