

21854-0109

**ZEBRA PEN**242 Raritan Center Parkway  
Edison, NJ 08837**MATERIAL SAFETY DATA SHEET**NAME: Jimmie Gel Retractable and Antique  
CAS NO: NA

A-IDENTIFICATION			
<u>Composition</u>		%	Formula: Mixture
Water			Molecular Weight: NA
Glycerol(56-81-5)			Synonyms: Jimmie Gel Rollerball Jel13
Pigment			Jimmie Gel Retractable SARASA
Resin			Jimmie Gel Antique Airfit Gel
			J-ROLLOR Gel Ink Rollerball
B-PHYSICAL DATA			
Boiling Point		Melting Point	
more than 100	C	NA	F NA C
Specific Gravity		Vaper Density(air=1)	
1.05-1.10		4.8	Vaper Pressure @ F mmHg
Evaporation (Butyl Acetate=1)		Saturation in Air (by volume@ F)	
1>		NA	Autoignition Temperature
% Volatiles		Solubility in Water	
NA		Soluble	pH NA
Appearance Odor			
Colored fluid			
Flash Point and Test Method(s)			
NA			
Flammable Limits in air (% by volume) Lower _____ % Upper _____ %			
C-REACTIVITY			
Stability	x	Stable	Unstable
<u>Condition to Avoid</u>		<u>Condition to Avoid</u>	
Product is noninflammable.		NA	
<u>Incomprable Materials</u>		<u>Hazardous Decomposition Products</u>	
Strong Oxidizers		Thermal degradation may produce oxides of carbon and nitrogen and various hydrocarbons.	
*IF MULTIPLE INGREDIENTS, INCLUDE CAS NUMBERS FOR EACH NA=NOT AVAILABLE			

Page 1



# ZEBRA PEN

242 Raritan Center Parkway  
Edison, NJ 08837

<b>D-HEALTH HAZARD DATA</b>	
Occupational Exposure Limits PEL's , TLV's , etc	
8-Hour TWA's:	NA
Warning Signals	
	NA
Routine / Effects of Exposure	
1. Inhalation	No adverse effects anticipated from normal use.
2. Ingestion	No adverse effects anticipated from normal use .
3. Skin	<p><u>a.Contact</u> No adverse effects anticipated from normal use . Irritation may occur if contact is prolonged / repeated .</p> <p><u>b.Absorption</u> No adverse effects anticipated from normal use .</p>
4. Eye Contact	If splashed into eye , irritation can occur .
5. Other	NA
<b>E-ENVIRONMENTAL IMPACT</b>	
1. Applicable regulations	NA
2. DOT Hazard Class	
3. DOT Shipping Name	
Environmental Effect	NA

Page 2



**ZEBRA PEN**

242 Raritan Center Parkway  
Edison, NJ 08837

<b>F-EXPOSURE CONTROL METHODS</b>	
Engineering Controls	None under normal use conditions .
Eye Protection	None under normal use conditions .
Skin Protection	None under normal use conditions .
Respiratory Protection	None under normal use conditions .
Other	Product is non-hazardous when used as directed in an office/room with normal air condition .
<b>G-WORK PRACTICES</b>	
Handling and Storage	NA
Normal Clean Up	Pick up spills with towels , tissues , etc .
Waste Disposal Methods	Dispose in accordance with applicable federal , state and local laws .



# ZEBRA PEN

242 Raritan Center Parkway  
Edison, NJ 08837

<b>H-EMERGENCY PROCEDURES</b>	
Steps to be taken if material is released to the environment or spilled in the work area Not applicable	
Fire and Explosion Hazard NA	Extinguishing Media NA
Firefighting Procedures NA	
<b>I-FIRST AID AND MEDICAL EMERGENCY PROCEDURES</b>	
Eyes	Flush eyes with plenty of water . If irritation persists , obtain medical attention .
Skin	Wash with soap and water .
Inhalation	No adverse effects anticipated from normal use .
Ingestion	Consult physician.
Note to Physician	

01/2003

Page 4