

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

Composition	%	Formula	Mixture
Water		Molecular Weight	NA
Glycerol(56-81-5)		Synonyms	Jimmie Gel Rollerball
Pigment			Jimmie Gel Retractable
Resin			Jimmie Gel Antique
			J-ROLLOR Gel Ink Rollerball

B-PHYSICAL DATA

Boiling Point	Melting Point	Freezing Point
more than 100 °C	NA °F NA °C	NA °F NA °C
Specific Gravity	Vapor Density(air = 1)	Vapor Pressure (mm Hg)
1.05-1.10	4.5	NA
Evaporation (Butyl Acetate=1)	Saturation in Air (by volume%)	Autoignition Temperature
1%	NA	NA °F NA °C
% Volatiles	Solubility in Water	pH
NA	Soluble	NA

Appearance/Color

Colored fluid

Flash Point and

Test Method(s)

NA

Flammable Limits in air

(% by volume) Lower

Upper

C-REACTIVITY

Stability	☒ Stable	☐ Unstable	Polymerization	☐ may occur	☒ will not occur
Condition to Avoid	NA				
Product is noninflammable.					
Incompatible Materials	Hazardous Decomposition Products				
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

**ZEBRA[®] PEN**242 Raritan Center Parkway
Edison, NJ 08837

D-HEALTH HAZARD DATA	
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	a. <u>Contact</u> No adverse effects anticipated from normal use. Irritation may occur if contact is prolonged / repeated. b. <u>Absorption</u> No adverse effects anticipated from normal use.
4. Eye Contact	If splashed into eye, irritation can occur.
5. Other	NA
E-ENVIRONMENTAL IMPACT	
1. Applicable regulations	NA
2. DOT Hazard Class	
3. DOT Shipping Name	
Environmental Effect	NA

**ZEBRA PEN**242 Raritan Center Parkway
Edison, NJ 08837**F-EXPOSURE CONTROL METHODS****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 officeroom with normal air condition.

G-WORK PRACTICES**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**H-EMERGENCY PROCEDURES**Steps to be taken if material is released to the environment or spilled in the work area
Not applicableFire and Explosion Hazard
NAExtinguishing Media
NAFirefighting Procedures
NA**I-FIRST AID AND MEDICAL EMERGENCY PROCEDURES**

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