

21879-2027

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

<b>A-IDENTIFICATION</b>			
<u>Composition</u>		%	<u>Formula:</u> Mixture
Water			<u>Molecular Weight:</u> NA
Glycerol(56-81-5)			<u>Synonyms:</u> Jimmie Gel Rollerball Jell3
Pigment			Jimmie Gel Retractable SARASA
Resin			Jimmie Gel Antique Airfit Gel
			J-ROLLOR Gel Ink Rollerball
<b>B-PHYSICAL DATA</b>			
<u>Boiling Point</u>		<u>Melting Point</u>	
more than 100	C	NA	F NA C
<u>Specific Gravity</u>		<u>Vaper Density(air=1)</u>	
1.05-1.10		4.8	
<u>Evaporation (Butyl Acetate=1)</u>		<u>Saturation in Air (by volume@ F)</u>	
I>		NA	
<u>% Volatiles</u>		<u>Solubility in Water</u>	
NA		Soluble	
<u>Appearance Odor</u>			
Colored fluid			
<u>Flash Point and Test Method(s)</u>			
NA			
<u>Flammable Limits in air (% by volume) Lower _____ % Upper _____ %</u>			
<u>Autoignition Temperature</u>			
NA F NA C			
<u>pH</u>			
NA			
<b>C-REACTIVITY</b>			
<u>Stability</u>	<input checked="" type="checkbox"/> Stable	<input type="checkbox"/> Unstable	<u>Polymerization</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> may occur <input checked="" type="checkbox"/> will not occur
<u>Condition to Avoid</u>		<u>Condition to Avoid</u>	
Product is nonflammable.		NA	
<u>Incomprable Materals</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			

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<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



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<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 .



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<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	