

# 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)

**Panache® Ink Cartridges (19930, 19931; component of 19901, 19910, 19911)**

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  
**Manuscript Pen Company, Ltd.**

Emergency Telephone Number  
**704-838-1475**

Address (Number, Street, City, State, and ZIP Code)  
**Highley Nr. Brignorth Shropshire, England**

Telephone Number for Information  
**704-838-1475**

Date Prepared: **January 2, 2013**

Signature of Preparer (optional)

## Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s)): OSHA PEL ACGIH TLV Other Limits % (optional)  
Recommended

**None**

**Product labeling conforms to ASTM D-4236. Approved for the AP seal as per the Art & Craft Materials Institute, Inc. (ACMI). Note: This product has been certified to be non-toxic. This product has been evaluated by a Toxicologist only as per intended usage. DO NOT DEVIATE FROM INTENDED USE.**

## Section III - Physical/Chemical Characteristics

Boiling Point	<b>212°F-550°F</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>1.02</b>
Vapor Pressure (mm Hg.)	<b>Unknown</b>	Melting Point	<b>&lt;32°F</b>
Vapor Density (AIR = 1)	<b>Less than 1</b>	Evaporation Rate (Butyl Acetate = 1)	<b>Less than 1</b>
Solubility in Water	<b>Dilutable</b>	Appearance and Odor	<b>Colored with low odor</b>

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) <b>N/A</b>	Flammable Limits <b>N/A</b>	LEL <b>N/A</b>	UEL <b>N/A</b>
Extinguishing Media <b>N/A</b>			
Special Fire Fighting Procedures <b>None</b>			
Unusual Fire and Explosion Hazards <b>None</b>			

Stability	Unstable	Stable ✓	Conditions to Avoid <b>None</b>
Incompatibility ( <i>Materials to Avoid</i> ) <b>N/A</b>			
Hazardous Decomposition or Byproducts <b>None</b>			
Hazardous Polymerization	May Occur	Will Not Occur ✓	Conditions to Avoid <b>N/A</b>

## Section VI - Health Hazard Data

Route(s) of Entry: <b>N/A</b>	Inhalation? <b>N/A</b>	Skin? <b>N/A</b>	Ingestion? <b>N/A</b>
Health Hazards ( <i>Acute and Chronic</i> ) <b>N/A</b>			
Carcinogenicity: <b>N/A</b>	NTP? <b>N/A</b>	IARC Monographs? <b>N/A</b>	OSHA Regulated? <b>N/A</b>
Signs and Symptoms of Exposure <b>N/A</b>			
Medical Conditions Generally Aggravated by Exposure <b>Pre-existing skin, eye, and respiratory disorders.</b>			
Emergency and First Aid Procedures <b>N/A</b>			

## Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled <b>Floor may be slippery; use care to avoid falling. Transfer to containers for recovery or disposal. Keep out of municipal sewers and open bodies of water.</b>
Waste Disposal Method <b>Incineration at permitted facility. Observe all Federal, State and local laws concerning health and environment.</b>
Precautions to Be taken in Handling and Storing <b>Keep from freezing-product may coagulate</b>
Other Precautions <b>N/A</b>

## Section VIII - Control Measures

Respiratory Protection ( <i>Specify Type</i> ) <b>None required with adequate ventilation &amp; normal usage conditions.</b>			
Ventilation	Local Exhaust <b>N/A</b>	Special <b>N/A</b>	
	Mechanical ( <i>General</i> ) <b>N/A</b>	Other <b>N/A</b>	
Protective Gloves <b>Impervious</b>	Eye Protection <b>Safety Glasses or goggles</b>		
Other Protective Clothing or Equipment <b>N/A</b>			
Work/Hygienic Practices <b>Use protective cream where excessive skin contact is likely.</b>			