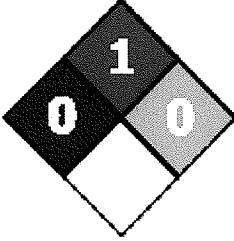



# Material Safety Data Sheet

NFPA	HMIS	PPE	Transport Symbol						
	<table border="1"> <tr> <td>Health Hazard</td> <td>0</td> </tr> <tr> <td>Fire Hazard</td> <td>1</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	Health Hazard	0	Fire Hazard	1	Reactivity	0		
Health Hazard	0								
Fire Hazard	1								
Reactivity	0								

Issuing Date 7-May-2008

Revision Date

Revision Number 0

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** BIC Briteliner Highlighter (all styles and colors)

**Recommended Use** Marking Instrument

**Supplier Address**

BIC USA  
 One BIC Way, Suite 1  
 Shelton, CT 06484  
 Phone Number: 203 783-2000

**Company Emergency Phone Number** 203-783-2412

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

The product contains no substances which at their given concentration are considered to be hazardous to health

**Appearance** Varies

**Physical State** Solid

**Odor** None

**Regulatory Status**

Information listed in Sections 3, 8, 11, and 15 is consistent with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and has also been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR). This product is not a toxic or hazardous substance as defined by CFR 1500.3 of the Federal Hazardous Substances Act (FHSA) and as such does not require acute or chronic hazard labeling. The ink in this writing instrument has been approved by board certified toxicologists under the WIMA (Writing Instrument Manufacturer's Association) certification program and/or the ACMI (Art & Creative Materials Institute) certification programs. Reviews were conducted using guidelines set forth by the CPSC (Consumer Product Safety Commission). Inks are certified as compliant under ASTM D-4236.

**Potential Health Effects**

<b>Potential Routes of Exposure</b>	Potential exposure to ink by inhalation, skin contact, eye contact.
<b>Acute Toxicity</b>	
<b>Eyes</b>	Ink may cause slight irritation.
<b>Skin</b>	No known effect based on information supplied
<b>Inhalation</b>	No known hazard by inhalation.
<b>Ingestion</b>	Ingestion of ink may cause stomach discomfort.
<b>Chronic Effects</b>	Product does not present a chronic toxicity hazard based on known or supplied information.
<b>Aggravated Medical Conditions</b>	None known
<b>Environmental Hazard</b>	None known

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

The following represents the ink components of an entire line of products. Each individual ink may not contain all the ingredients listed below.

Chemical Name	CAS-No	
Ethylene glycol	107-21-1	
1-Methyl-2-pyrrolidone	872-50-4	
C.I. Basic red 1	989-38-8	
Polyvinyl pyrrolidone	9003-39-8	
Triethanolamine	102-71-6	

**4. FIRST AID MEASURES**

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash skin with soap and water.
<b>Inhalation</b>	Move victim to fresh air.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water. If symptoms persist, call a physician. Do not induce vomiting without medical advice.
<b>Notes to Physician</b>	Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

<b>Flammable Properties</b>	Non flammable
<b>Flash Point</b>	No data available
<b>Suitable Extinguishing Media</b>	Dry chemical, CO <sub>2</sub> , water spray or regular foam.
<b>Explosion Data</b>	
<b>Sensitivity to mechanical impact</b>	None
<b>Sensitivity to static discharge</b>	None

**Protective Equipment and Precautions for Firefighters**

Wear self contained breathing apparatus for fire fighting if necessary. In the event of fire and/or explosion do not breathe fumes.

<b>NFPA</b>	Health Hazard 0	Flammability 1	Stability 0	Physical and Chemical Hazards -
<b>HMIS</b>	Health Hazard 0	Flammability 1	Stability 0	Personal Precautions -

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions** None required.

**Methods for Containment** Not applicable.

**Methods for Cleaning Up** Pick up and transfer to properly labeled containers.

**7. HANDLING AND STORAGE**

**Handling** No special requirements for writing instruments.

**Storage** No special requirements for writing instruments.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

The following exposure limits are provided for information only; exposure is not expected under normal conditions of use or storage.

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethylene glycol	Ceiling: 100 mg/m <sup>3</sup>	(vacated) Ceiling: 50 ppm (vacated) Ceiling: 125 mg/m <sup>3</sup>	
Triethanolamine	TWA: 5 mg/m <sup>3</sup>		

**Engineering Measures** None under normal use conditions.

**Personal Protective Equipment**

- Eye/Face Protection** No special protective equipment required.
- Skin and Body Protection** No special protective equipment required.
- Respiratory Protection** None required under normal usage.

**Hygiene Measures** None under normal use conditions.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Note: The following information applies only to the ink in the marker. The ink is absorbed in a filler material; therefore there is no free flowing ink in this marker.

<b>Appearance</b>	Varies	<b>Odor</b>	None.
<b>Odor Threshold</b>	No information available	<b>Physical State</b>	Solid
<b>pH</b>	No information available.		
<b>Flash Point</b>	No data available	<b>Autoignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	No information available.	<b>Boiling Point/Range</b>	No information available
<b>Melting Point/Range</b>	No information available.		
<b>Flammability Limits in Air</b>	No information available.	<b>Explosion Limits</b>	No information available.
<b>Water Solubility</b>	Soluble in water	<b>Solubility</b>	No information available.
<b>Evaporation Rate</b>	No information available.	<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available	<b>VOC Content</b>	No data available
<b>Partition Coefficient (n-octanol/water)</b>	No data available		

**10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable under recommended storage conditions
<b>Incompatible Products</b>	None known based on information supplied
<b>Conditions to Avoid</b>	None known based on information supplied
<b>Hazardous Decomposition Products</b>	Thermal decomposition can lead to release of irritating gases and vapors.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur

**11. TOXICOLOGICAL INFORMATION**

<b>Acute Toxicity</b>	Product does not present an acute toxicity hazard based on known or supplied information
<b>Chronic Toxicity</b>	Product does not present a chronic toxicity hazard based on known or supplied information.
<b>Carcinogenicity</b>	Contains no ingredient listed as a carcinogen.
<b>Target Organ Effects</b>	None known.

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**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

None known

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Method**

This product, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). Dispose of in accordance with local regulations.

**Contaminated Packaging**

Dispose of in accordance with local regulations

**14. TRANSPORT INFORMATION**

<b><u>DOT</u></b>	Not regulated
<b><u>TDG</u></b>	Not regulated
<b><u>MEX</u></b>	Not regulated
<b><u>ICAO</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated
<b><u>IMDG/IMO</u></b>	Not regulated
<b><u>RID</u></b>	Not regulated
<b><u>ADR</u></b>	Not regulated
<b><u>ADN</u></b>	Not regulated

**14. TRANSPORT INFORMATION**  
**15. REGULATORY INFORMATION**

**International Inventories**

TSCA All components listed  
DSL All components listed except Special Basic Orange G Liquid (listed on NDSL)

**U.S. Federal Regulations**

SARA 313  
Not applicable

**SARA 311/312 Hazard Categories**

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**International Regulations**

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

Non-controlled

**16. OTHER INFORMATION**

**Issuing Date** 8-May-2008

**Revision Date**

**Revision Note** No information available

**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS