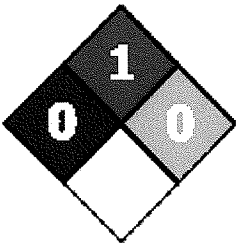



# Material Safety Data Sheet

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>	
Eyes	Ink may cause slight irritation.
Skin	No known effect based on information supplied
Inhalation	No known hazard by inhalation.
Ingestion	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.

**Explosion Data**

<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.

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

**10. STABILITY AND REACTIVITY**

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

**11. TOXICOLOGICAL INFORMATION**

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

## 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

DOT Not regulated

TDG Not regulated

MEX Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

RID Not regulated

ADR Not regulated

ADN 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