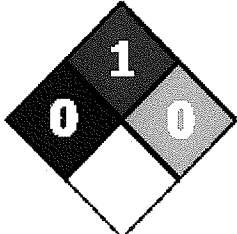



# Material Safety Data Sheet

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 03-May-2007

Revision Date 03-May-2007

Revision Number 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** BIC Mark-It Permanent Marker (All colors)

**Recommended Use** Marking Instrument

**Supplier Address**

BIC USA Inc.  
500 BIC Drive  
Milford, CT 06460  
Phone Number: 203 783-2000

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

## 2. HAZARDS IDENTIFICATION

**Appearance Varies**

**Physical State** Solid

**Odor** Alcohol

**OSHA Regulatory Status**

Information listed in Sections 3, 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 (FSHSA) 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**

**Principle Routes of Exposure**

Potential exposure to ink by inhalation, skin contact, eye contact.

**Acute Toxicity**

**Eyes** Ink may cause slight irritation.  
**Skin** None known.  
**Inhalation** No known hazard by inhalation.  
**Ingestion** Ingestion of ink may cause stomach discomfort.

**Chronic Effects**

None known

**Aggravated Medical Conditions**

None known

**Environmental Hazard**

None known

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

The following represents the ink component of an entire line of products. Each individual ink may not contain all the ingredients listed below. In addition to the items listed below, the products also contain various dyes.

Chemical Name	CAS-No
Propylene glycol monomethyl ether	107-98-2
Diacetone alcohol	123-42-2
3-Methoxybutanol	2517-43-3
C.I. Solvent Violet 9	467-63-0
Ethyl alcohol	64-17-5
n-Propyl alcohol	71-23-8
2-butoxyethanol	111-76-2

**4. FIRST AID MEASURES**

**Eye Contact** Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

**Skin Contact** Wash skin with soap and water.

**Inhalation** Move victim to fresh air.

**Ingestion** Clean mouth with water and afterwards drink plenty of water. If symptoms persist, call a physician. Do not induce vomiting without medical advice.

**Notes to Physician** Treat symptomatically

**5. FIRE-FIGHTING MEASURES**

**Flammable Properties** The ink is a flammable/combustible material.

**Flash Point** 13°C / 55.4°F (Liquid Ink)

**Suitable Extinguishing Media** Dry chemical, CO<sub>2</sub>, water spray or regular foam. Water spray, fog or regular foam. Use water spray or fog; do not use straight streams. Move containers from fire area if you can do it without risk.

**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.

<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**

<b>Personal Precautions</b>	Remove all sources of ignition.
<b>Methods for Containment</b>	Not applicable.
<b>Methods for Cleaning Up</b>	Pick up and transfer to properly labeled containers.

**7. HANDLING AND STORAGE**

<b>Handling</b>	No special requirements for writing instruments.
<b>Storage</b>	No special requirements for writing instruments.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Exposure Guidelines</b>	The following exposure limits are provided for information only; exposure is not expected under normal conditions of use or storage.
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Chemical Name	ACGIH TLV	OSHA PEL
Propylene glycol monomethyl ether	TWA: 100 ppm STEL: 150 ppm	TWA: 100 ppm
Diacetone alcohol	TWA: 50 ppm	TWA: 240 mg/m <sup>3</sup>
Ethyl alcohol	TWA: 1000 ppm	TWA: 1000 ppm
n-Propyl alcohol	TWA: 200 ppm STEL: 400 ppm	TWA: 200 ppm

<b>Engineering Measures</b>	None under normal use conditions.
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	None under normal use conditions.
<b>Skin and Body protection</b>	None under normal use conditions.
<b>Respiratory Protection</b>	None under normal use conditions.
<b>Hygiene Measures</b>	None under normal use conditions.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Note: The ink is absorbed in a filler material. There is no free flowing ink in this marker.

Appearance	Varies	Odor	Alcohol
Odor Threshold	No information available	Physical State	Solid
pH	No information available		
Flash Point	13°C / 55.4°F (Liquid Ink)	Autoignition Temperature	Not applicable
Decomposition temperature	No data available	Boiling Point/Range	78°C / 172.4°F (Liquid Ink)
Melting Point/Range	No data available		
Flammability Limits in Air	No data available	Explosion Limits	No data available
Specific Gravity	0.82 - 0.88 @ 20 °C (Liquid Ink)	Water Solubility	Soluble in water (Liquid Ink)
Solubility	No data available	Evaporation Rate	No data available
Vapor Pressure	No data available	Vapor Density	No data available
VOC Content	No data available	Viscosity	2-6 cp @20 °C (Liquid Ink)
Partition Coefficient (n-octanol/water)	No data available		

**10. STABILITY AND REACTIVITY**

Stability	Stable under recommended storage conditions
Conditions to Avoid	None known.
Incompatible Products	None known.
Hazardous Decomposition Products	Thermal decomposition can lead to release of irritating gases and vapors, Carbon oxides.
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 an acute toxicity hazard based on known or supplied information.
Carcinogenicity	There are no carcinogens in this product at levels that are deemed hazardous as evaluated by a board certified toxicologist.
Mutagenicity	There are no mutagens in this product at levels that are deemed hazardous as evaluated by a board certified toxicologist.

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Reproductive Toxicity	This product does not contain any known or suspected reproductive hazards
Target Organ Effects	None known
Endocrine Disruptor Information	This product does not contain any known or suspected endocrine disruptors

## 12. ECOLOGICAL INFORMATION

Ecotoxicity	None known
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## 13. DISPOSAL CONSIDERATIONS

Waste Disposal Method	Dispose of in accordance with local regulations.
Contaminated Packaging	Dispose of in accordance with local regulations

## 14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA (Int'l Air)</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated



**15. REGULATORY INFORMATION****International Inventories**

TSCA	Complies
DSL	Complies

**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

**U.S. State Regulations**

**California Proposition 65**  
This product contains no 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

**Legend**  
NPRI - National Pollutant Release Inventory

**16. OTHER INFORMATION**

Issuing Date	3-May-2007
Revision Date	3-May-2007
Revision Note	No information available

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**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