

# SAFETY DATA SHEET (SDS)



Ball pen ink black

## 1: Product and Manufacturer Identification

Product Name : Ball pen ink black  
 Product Code / Other Names : ITA36175, ITA30031, ITA38089, ITA82970, ITA30027, ITA30030, BSN37501, BSN37503, BSN25050, ITA82952, ITA30084, ITA82955, ITA36190, BSN37531  
 Material Uses : Ink  
 Manufacturer Name : Beifa Group Co., Ltd  
 Street Address : NO.298 Jangnan Road (east)  
 City, State, Province : Beilun, Ningbo, Zhejiang Province.  
 Country & Post Code : China

Emergency Contacts : 86-574-5678-6533

## 2: Hazard(s) Identification

Physical State : Liquid  
 Odor : Not available  
 WHMIS Status (Canada) : Not available  
 Hazard Statements or Symbols : Not available  
 OSHA/HCS Status (USA) : Not available  
 Hazard Statements or Symbols : Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation. Very toxic to aquatic  
 Emergency Overview : Not available  
 Possible Routes of Entry : Not available

### Potential Acute Health Effects

Inhalation : Acute toxicity-oral  
 Ingestion : Harmful if swallowed  
 Skin Contact : skin irritation, an allergic skin reaction  
 Eye Contact : cause serious eye damage /eye irritation

### Potential Chronic Health Effects

Chronic Effects : Not available  
 Carcinogenicity : Not available  
 Mutagenicity : Not available  
 Teratogenicity : Not available  
 Developmental Effects : Not available  
 Fertility Effects : Not available  
 Medical conditions aggravated by : Not available  
 Additional hazards not otherwise classified : Not available

## 3: Composition / Information on Ingredients

Ingredient Name or Description	CAS Number	%
<b>solvent black 46</b>	65113-55-5	30%
<b>Benzyl alcohol</b>	100-51-6	25%
<b>2-Phenoxy Ethanol</b>	122-99-6	20%
<b>Keton resin</b>	25054-06-2	14%
<b>Epoxy resin</b>	24969-06-0	6%
<b>Triethanolamine</b>	102-71-6	4%
<b>Phosphoric acid ester</b>	90506-69-7	1%

Additional Composition Details :

## 4: First-aid Measures

Eye Contact : Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

Skin Contact : Wash thoroughly with soap and water.

Inhalation : If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention. If not breathing, give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask, etc). If breathing is difficult, oxygen should be administered by qualified personnel.

Ingestion : Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

Protection for First-aid Providers : Not available  
 Notes to Physician : Treat symptoms

## 5: Fire-fighting Measures

Flammability of the Product : This product is non-flammable.

### Extinguishing Media/Methods

Suitable : Water, dry extinguishing media, carbon dioxide, alcohol resistant foams  
 Not Suitable : Direct water stream.

Special Exposure Hazards : Not available  
 Products of Combustion : None Special hazards caused by the substance.

Special Protective Equipment Needed for : In the event of fire, wear self-contained breathing apparatus.  
 Special Remarks on Fire Hazards : Not available  
 Special Remarks on Explosion Hazards : Not available

## 6: Accidental Release Measures

Personal Precautions : Ensure good ventilation/exhaustion at the workplace.  
 Protective Equipment : wear protective clothing  
 Environmental Precautions : Contain contaminated water/firefighting water. Do not discharge into drains/surface

### Cleaning / Containing

Small Spill : Pick up with suitable absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Dispose of absorbed material in accordance with  
 Large Spill : Pump off product

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## 7: Handling and Storage

Safe Handling Precautions : Prevent contact with air/oxygen (formation of peroxide). General Handling: Do not swallow. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.  
 Safe Storage Precautions : Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent

## 8: Exposure Controls/Personal Protection

Ingredient Name/Description	Exposure Limits
Triethanolamine	5mg/m3

Recommended Monitoring Procedures : No further data  
 Engineering Measures : Not available  
 Hygiene Measures : Not available

### Personal Protection

Respiratory : Wear appropriate protective mask.  
 Hands : wear gloves  
 Eyes : Safety glasses with side shields. Chemical goggles.  
 Skin : Wear chemical protective gloves, e.g. PVC.  
 Environmental Exposure Controls : Not available

## 9: Physical and Chemical Properties

Physical State : Liquid  
 Flash Point (°C and °F) : 126 °C ( CAS#122-99-6)  
 Auto-ignition Temperature (°C and °F) : 475 °C ( CAS#122-99-6)  
 Flammable Limits : Not available  
 Color : black  
 Odor : Not available  
 Odor Threshold : Not available  
 pH : Not available  
 Boiling/Condensing Point (°C and °F) : 244.3 °C ( CAS#122-99-6)  
 Melting/Freezing Point (°C and °F) : 11.8 °C ( CAS#122-99-6)  
 Relative Density : 1.11( 20 °C) ( CAS#122-99-6)  
 Vapor Pressure : 0.014 hPa( 20 °C) ( CAS#122-99-6)  
 Vapor Density : Not available  
 Volatility : Not available  
 Evaporation Rate : Not determined  
 Viscosity : 19 mPa s (dynamic)(40.5 °C) ( CAS#122-99-6)  
 Pour Point (°C and °F) : Not determined  
 Solubility : 24.2 g/L( 20.7 °C pH=5.5) ( CAS#122-99-6)

## 10: Stability and Reactivity

Chemical Stability : Material is stable under normal conditions.  
 Hazardous Polymerization : Not dangerous  
 Materials to Avoid : Strong acids. Strong bases. Strong oxidizers.  
 Hazardous Decomposition Products : Not available.

## 11: Toxicological Information

### Acute Toxicity

Product/Ingredient Name	Result	Species	Dose	Exposure
2-Phenoxy Ethanol (CAS#122-99-6)	N/A	LD50(Oral, Rat) LD50(Dermal, Rabbit) LC50(Inhalation, Rat)	1850 mg/kg bw Not available > 1000 mg/m <sup>3</sup> air	N/A
Benzyl alcohol (CAS#100-51-6)	N/A	LD50(Oral, Rat) LD50(Dermal, Rabbit) LC50(Inhalation, Rat)	1620 mg/kg bw Not available > 4178 mg/m <sup>3</sup> air 4h>	N/A
Solvent black46 (CAS#65113-55-5)	N/A	LD50(Oral, Rat) LD50(Dermal, Rabbit) LC50(Inhalation, Rat)	> 2000 mg/kg bw > 2000 mg/kg bw Not available	N/A

### Chronic Toxicity

Conclusion/Summary : Not dangerous

### Irritation/Corrosion

Conclusion/Summary : Causes skin irritation. Causes serious eye damage

### Sensitizer

Conclusion/Summary : May cause an allergic skin reaction.

### Carcinogenicity

Conclusion/Summary : Not classified

### Classification

Product/Ingredient Name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
N/A	N/A	N/A	N/A	N/A	N/A	N/A

### Mutagenicity

Conclusion/Summary : Not classified

### Teratogenicity

Conclusion/Summary : Not classified

### Reproductive Toxicity

Conclusion/Summary : Not classified

## 12: Ecological Information\*

### Environmental Effects

#### Aquatic Ecotoxicity

Conclusion/Summary : Hazardous for water

#### Biodegradability

Conclusion/Summary : No further relevant information available

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Other Adverse Effects : No further relevant information available

## 13: Disposal Considerations\*

Waste Disposal : Dispose of contents/container in accordance with local/regional/national/international  
Additional References/Details : No further relevant information available

## 14: Transport Information\*

Regulatory Information	UN #	Proper Shipping Name	Classes	PG	Label	Additional Information
TDG Classification	N/A	N/A	N/A	N/A	N/A	N/A
DOT Classification	3082	LIQUID, N.O.S.(Solvent black46)	9	III	N/A	N/A

Special Precautions :

## 15: Regulatory Information\*

### United States

HCS Classification : Not applicable

### Canada

WHMIS Classification : Not applicable

### International Regulations

Canada Inventory : Not applicable

United States Inventory (TSCA 8b) : All of the ingredient are listed

Europe Inventory : Not applicable

Additional Regulatory Statements : Not applicable

## 16: Other Information

Hazardous Material Information System (United States) : Health: 2 Flammability: 1 Physical hazard: 0

National Fire Protection Association : Health: 2 Flammability: 1 Instability: 0

Additional References : N/A

Date of Original Issue : 01-19-2015

Date of Current Revision : 05-11-2015

Name of Responsible Party : Beifa

Contact for Copies of SDS : N/A

Additional Comments/Notices : N/A