

SAFETY DATA SHEET (SDS)

Ball pen ink red



1: Product and Manufacturer Identification

Product Name : Ball pen ink red
Product Code / Other : Pen
Material Uses : Ink
Manufacturer Name : Beifa Group Co.,Ltd
Street Address : NO.298 Jangnan Road (east)
City, State, : Beilun, Ningbo, Zhejiang Province.
Country & Post : China

Emergency Contacts : 86-574-5678-6533

2: Hazard(s) Identification

Physical State : Liquid
Odor : N/A
WHMIS Status (Canada) : N/A
Hazard Statements : N/A
OSHA/HCS Status (USA) : N/A
Hazard Statements : Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with
Emergency Overview : N/A
Possible Routes of Entry : N/A

Potential Acute Health

Inhalation : Acute toxicity- Oral
Ingestion : Harmful if swallowed
Skin Contact : Skin irritation, skin sensitization
Eye Contact : Cause serious eye damage/eye irritation

Potential Chronic

Chronic Effects : N/A
Carcinogenicity : N/A
Mutagenicity : N/A
Teratogenicity : N/A
Developmental : N/A
Fertility Effects : N/A
Medical conditions : N/A
Additional hazards not otherwise classified : N/A

3: Composition / Information on Ingredients

Ingredient Name or Description	CAS Number	%
Solvent Red49	509-34-2	30%
2-Phenoxy Ethanol	122-99-6	25%
Benzyl alcohol	100-51-6	20%
Keton resin	25054-06-2	14%
Epoxy resin	24969-06-0	6%
Triethanolamine	102-71-6	4%
Phosphoric acid ester	90506-69-7	1%

Additional Composition :

4: First-aid Measures

SAFETY DATA SHEET (SDS)



Ball pen ink red

- 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 : N/A
- Notes to Physician : Treat symptoms

5: Fire-fighting Measures

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

Extinguishing

- Suitable : Water, dry extinguishing media, carbon dioxide, alcohol resistant foams
- Not Suitable : Direct water stream.
- Special Exposure Hazards : N/A
- Products of Combustion : None Special hazards caused by the substance.
- Special Protective : In the event of fire, wear self-contained breathing apparatus.
- Special Remarks on Fire : N/A
- Special Remarks on : N/A

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 regulations.
- Large Spill : Pump off product

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. Keep container
- 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 leakage.

8: Exposure Controls/Personal Protection

Ingredient Name/Description	Exposure Limits
Triethanolamine	5 mg/m ³

- Recommended Monitoring : No further data
- Engineering Measures : N/A
- Hygiene Measures : Wash hands, forearms and face thoroughly after handling chemical products, before

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.

SAFETY DATA SHEET (SDS)



Ball pen ink red

Environmental : N/A

9: Physical and Chemical Properties

Physical State : Liquid
Flash Point (°C and °F) : 126 °C (CAS#122-99-6)
Auto-ignition Temperature : 475 °C (CAS#122-99-6)
Flammable Limits : N/A
Color : red
Odor : N/A
Odor Threshold : N/A
pH : N/A
Boiling/Condensing Point : 244.3 °C (CAS#122-99-6)
Melting/Freezing Point (°C) : 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 : N/A
Volatility : N/A
Evaporation Rate : N/A
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 : N/A

11: Toxicological Information

Acute Toxicity

Product/Ingredient Name	Result	Species	Dose	Exposure
2-Phenoxy Ethanol (CAS#122-99-6)		LD50(Oral, Rat) LD50(Dermal, Rabbit) LC50(Inhalation, Rat)	1850 mg/kg bw Not available > 1000 mg/m ³	
Benzyl alcohol (CAS#100-51-8)		LD50(Oral, Rat) LD50(Dermal, Rabbit) LC50(Inhalation, Rat)	1620 mg/kg bw Not available > 4178 mg/m ³	
Triethanolamine (CAS#102-71-6)		LD50(Oral, Rat) LD50(Dermal, Rabbit) LC50(Inhalation, Rat)	6400 mg/kg bw > 2000 mg/kg bw	

Chronic Toxicity

Conclusion/Summa : Not dangerous

Irritation/Corrosion

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

Sensitizer

Conclusion/Summa : N/A

Carcinogenicity

Conclusion/Summa : N/A

Classification

SAFETY DATA SHEET (SDS)



Ball pen ink red

Product/Ingredient Name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA

Mutagenicity

Conclusion/Summa : N/A

Teratogenicity

Conclusion/Summa : N/A

Reproductive Toxicity

Conclusion/Summa : N/A

12: Ecological Information*

Environmental Effects

Aquatic

Conclusion/Su : Harzardous for water

Biodegradability

Conclusion/Su : No further relevant information available

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 : No further relevant information available

14: Transport Information*

Regulatory Information	UN #	Proper Shipping Name	Classes	P G	Label	Additional Information
TDG Classification						
DOT Classification	Not regulat	Not regulated	Not regulated	III		

Special Precautions :

15: Regulatory Information*

United States

HCS Classification : All of the ingredient are listed

Canada

WHMIS : All of the ingredient are listed

International

Canada Inventory : N/A

United States : All of the ingredient are listed

Europe Inventory : N/A

Additional Regulatory : N/A

16: Other Information

Hazardous Material : Health: 2 Flammability: 1 Physical hazard: 0

Information System (United States)

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

Additional References : N/A

Date of Original Issue : 19th Jan. 2015

Date of Current Revision : 23th Mar. 2015

Name of Responsible Party : Beifa

Contact for Copies of SDS : N/A

Additional : N/A