

# Safety Data Sheet

(According to 2006/1907/EC)

## 1. Identification of the Substance/Preparation/Company

### Product details

**Trade name:** Roller Ink / 34-62-B Black

**Product type:** EERBCMBK01

### Manufacturer /Supplier:

BEIFA GROUP CO., LTD.

No.298 Jiangnan(East) Road,Ningbo,China

Phone :86-574-86186793

Fax: 86-574-86155295

www.beifa.com

### Further information obtainable from:

Technical service , Rosebort

TEL.:86-574-86186707

Mobile : 86-13958305853

### Information in case of emergency:

TEL.:86-574-86186888

## 2. Composition /information on ingredients

### Chemical characterization

Mixture of the following substances , containing non-hazardous substances and coloring agents.

**Description :** Mixture of substances listed below with nonhazardous additions

Dangerous components:				
EINECS/ELINCS	CAS	Common Name	Classification	Cone.
	6428-31-5	Direct black19		8%
	8005-3-6	Acid black 2		2%
	107-21-1	Ethylene Glycol	Xi; Xn;	20%
	102-71-6	Tirethanolamine		5%
	7732-18-5	water		65%

**Additional information :**For the wording of the listed risk phrases refer to section 16.

## 3. Hazards identification

### MOST IMPORTANT HAZARDS:

#### Adverse human health effects:

**Environmental effects:** Contains hazardous substances(s) for the environment

#### Physical and chemical hazards:

**Fire or explosion:** Non-Flammable Waterbased Ink

Burning and thermal decomposition may form toxic by products

**Classification of the product:** According to European regulations, this product supplied as a bulk liquid is classified as:

Xi- IRRITANT

Xn- HARMFUL

**Further information:** In a usual writing situation, quantities of ink laid down or vapors emitted by the pen are normally too small to occasion significant exposure and cause adverse effects on the user's health.

The classification is according to the latest editions of the EU-lists , and extended by company and literature data.

#### 4. First –aid measures

**Inhalation:** Move the affected person away from the contaminated area and into the fresh air

**Skin contact:** Immediately wash and rinse with plenty of water

**Eye contact:** Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 min. minimum) Always refer to an eye specialist, even if there are no mediate symptoms.

**Ingestion:** Never attempt to induce vomiting . Call a doctor immediately

#### 5. Fire –fighting measures

**Suitable extinguishing media:** Carbon dioxide (CO<sub>2</sub>). Foam. Powders

**Not suitable extinguishing media:** None to our knowledge. If there is a fire close by using suitable extinguishing agents

**Specific hazards:** During combustion:, toxic vapors may be released if product is heated to dryness.

**Specific fire fighting methods:** Do not attempt to fight the fire without suitable protective equipment may intervene

**Protection of fire-fighters:** Self-contained breathing apparatus Complete protective clothing

#### 6. Accidental release measure

**Personal precautions:** Avoid contact with skin and eyes .Do not breathe vapour; Do not smoking..

**Environmental precautions:** Do not discharge into drains and rivers

**Methods for cleaning up:**

**Neutralization:** Absorb spillage with: inert absorbent material earth or sand

**Cleaning/decontamination:** Wash non-recoverable remainder with large amounts of water

**Disposal:** Dispose of contaminated materials in accordance with current regulations

#### 7. Handling and storage

##### HANDLING

**Technical measures:** Vapour extraction at source . Material and equipment suitable for use with Strongly colored water based liquids.

**Precautions:** Avoid any direct contact with the product . Work in a well-ventilated area .Smoking is forbidden .Avoid the build-up of electrostatic charge

##### STORAGE

**Technical measures:** The floor of the depot must be impermeable, noncombustible and designed to form a

basin, in order that stored liquids should not, under any circumstances, be released outside

**Storage conditions:**

**Recommended:** Store: in a cool, well-ventilated area, the container tightly closed away from any source of ignition

**Incompatible materials:** Strong oxidizing agents

**Packaging materials:**

**Not suitable:** Can cause some metals to rust

## 8. Exposure controls / personal protection

**Engineering measures:** Ensure good ventilation of the work station .Extraction to remove vapours at their source

**Occupational exposure limits:**

**France:** Ethylene Glycol

**Personal protective equipment:**

**Respiratory protection:** In the event of insufficient ventilation:.,Suitable breathing apparatus

**Hand protection:** Impermeable protective gloves

**Eye protection:** Safety spectacles

**Skin and body protection:** Suitable clothing

**Collective emergency equipment:** Eye fountain .Safety shower

**Hygiene measures:** Do not drink, eat or smoke in the workplace

## 9. Physical and chemical properties

General Information
<b>Form :</b> Fluid
<b>Colour :</b> According to product specification
<b>Odour :</b> watery slightly
Flash point : 111°C for ethylene glycol in this product
<b>Ignition temperature :</b> 287 °C
<b>Self-igniting :</b> 398°C for ethylene glycol in this product
<b>Danger of explosion :</b> product does not present an explosion hazard
<b>PH:</b> 7.0-8.3
<b>Vapour density (air=1):</b> greater than 1
<b>Solubility</b>
<b>in water :</b> Miscible (in all proportions)
<b>in organic solvents:</b> Miscible (in all proportions) with:

## 10. Stability and reactivity

**Stability:** Stable at ambient temperature and under normal conditions of use

**Hazardous reactions:**

**Conditions to avoid:** May ignite on heating to dryness when all water is evaporated

**Materials to avoid:** Strong oxidizing agents

**Hazardous decomposition**

**products:** On combustion or on thermal decomposition

**(pyrolysis) releases:** Carbon oxides (CO, CO<sub>2</sub>)

**11. Toxicological information**

**Acute toxicity:** Vapours may cause drowsiness and dizziness

**Acute symptoms:** On ingestion: Nausea., Vomiting., Central Nervous, System depressant ,  
On inhalation: Dizziness, Headaches

**Local effects:** At high concentrations, the vapours can be irritating to the eyes, nose and throat .Repeated or prolonged contact may cause slight irritation to the skin,

**Eye contact:** May cause severe ocular lesions

**Further information:** Above information is for the ink. The ink will be contained in the fibrous reservoir of a small capacity marker containing 3 grams or less which will limit considerably the exposure possibilities for the user.

**12. Ecological information**

**ECOTOXICITY:** Effects on the aquatic environment: Ethylene Glycol  
May cause adverse effects to the aquatic environment.

**13. Disposal considerations****WASTE FROM PRODUCT:**

**Destruction/Disposal:** Dispose of in accordance with relevant local regulations

**CONTAMINATED PACKAGING:**

**Destruction/disposal:** Destroy at an authorized site

**NOTE:** The user's attention is drawn to the possible existence of specific European, national or Local regulations regarding disposal

**14. Transport information**

**Land transport ADR/RID (cross – border)**

**UN Number:**

**Class:**

**Classification code:**

**Packaging group:**

**Labeling:**

**Hazard identification number:**

**Maritime transport IMDG:****UN Number:****Class:****Classification code:****Packaging group:****Labeling:****Hazard identification number:****Air transport ICAO-TI and IATA-DGR:****UN Number:****Class:****Classification code:****Packaging group:****Labeling:****Hazard identification number:**

**Further information:** Prescriptions on the transport of dangerous goods apply to the bulk ink only. They don't apply to the marker.

## 15. Regulatory information

**EC LABELING:**

Marker: not applicable Ink: Mandatory labeling (self-classification) of hazardous preparations: applicable.

**Code letter and hazard designation of product:**

Xi -IRRITANT

Xn -HARMFUL

**Risk phrases:**

R 22: Harmful if swallowed

R 36: Irritating to eyes

**Safety phrases:**

2 Keep out of the reach of children

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

37: Wear suitable gloves (to protect hands from staining)

46 If swallowed, seek medical advice immediately and show this container or label.

**FURTHER REGULATIONS:****National prescriptions:**

France: Maladies professionnelles (tableaux (x) n° 84) concern

NOTE: The regulatory information given above only indicate the principal regulations specifically applicable to the product described in the MSDS

## 16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.