

Safety Data Sheet

(According to 2006/1907/EC)

1. Identification of the Substance/Preparation/Company

Product details**Trade name:** Highlighter Ink / FT-48-0-02(4#) **Fluo Orange****Product type:** EEFLPIOR04**Manufacturer /Supplier:**

I T E M 1 0 7 1 0 4 3

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 colouring agents.

Description : Mixture of substances listed below with nonhazardous additions

Dangerous components:				
EINECS/ELINCS	CAS	Common Name	Classification	Cone.
	Water	7732-18-5		50%
	Glycerin	56-81-5		25%
	Acrylicacid-Acrylonitrile Styrene Copolymer	24980-16-3		6%
	C.I Basic Yellow 40	12221-86-2		6%
	C.I Basic Red 1:1	3068-39-1		6%
	Solvent Yellow 160:1	35773-43-4		6%
	C.I Basic Violet 11:1	73398-89-7		1%

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

3. Hazards identification

Hazard description: Not applicable**Information concerning particular hazards for human and environment:**

The product does not have to be labeled due to the calculation procedure of the “General Classification guideline for preparations of the EU ” in the latest valid version.

Classification system:

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

4. First –aid measures

After inhalation : Unlikely to be hazardous by inhalation.

After skin contact : Wash skin immediately with soap and water.

After eye contact : Rinse thoroughly with plenty of water or eyewash solution and contact an ophthalmologist ,if necessary.

After Ingestion: Wash out mouth with water. Obtain medical attention if ill effects occur.

Medical Treatment: Symptomatic treatment and supportive therapy as indicated.

5. Fire –fighting measures

Not classified as flammable .After evaporation of the water, it may emit noxious and toxic fumes, if involved in a fire.

Extinguishing media: Water, foam, dry power, CO₂

Do not use: _

Special precautions:

6. Accidental release measure

Do not release to the environment .Absorb spilled material in liquid-binding.

Material or any suitable absorbent material .

Dispose saturated binding material in compliance with local public authority regulations.

7. Handling and storage

The solution is not flammable and is not active in a combustion process.

Special handling precaution are not necessary.

Keep container tightly closed and keep away from freezing.

8. Exposure controls / personal protection

Exposure controls: Avoid skin contact over a longer period of time .Observe the usual precautions of handling with chemicals

Personal protection:

Respiratory protection :Not necessary

Protection of hands:

The glove material has to be impermeable and resistant to the product /the substance /the preparation.

Due to missing tests no recommendation to the glove material can be given for the product /the preparation /the chemical mixture.

Selection of the glove material on consideration of the penetration times , rates of diffusion and the degradation.

Material of gloves

The selection of the suitable gloves does not only depend on the material , but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances , the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Goggles recommended during refilling

9. Physical and chemical properties

General Information
<p>Form : Fluid Colour : According to product specification Odour : almost odourless ,neutral</p>
<p>Change in condition Melting point /Melting range: Undermined Boiling point /Boiling range: 100 °C</p>
Flash point : Not applicable
Self-igniting : product is not selfigniting
Danger of explosion : product does not present an explosion hazard
Vapour pressure at 20°C : :Not applicable
Density: 1100g/cm ³
<p>Solubility in /Miscibility with Water : Fully miscible.</p>
PH-value at 20°C: 6.0-7.0
<p>Viscosity: Dynamic at 20°C: ca.5 m Pa s</p>
Solubility in other Solvents: soluble in many polar organic solvents

10. Stability and reactivity

Stability: The material will not support combustion unless the water has been evaporated.

Conditions to avoid :None known

Materials to avoid : None known

Decomposition :

Products: None, if stored and handle properly.

11. Toxicological information

Acute oral Toxicity (LD₅₀):Unlikely to be hazardous.

Primary irritant effect : Unlikely to cause skin irritation.

Eye contact : May cause eye irritations.

Long term Exposure: No information available.

12. Ecological information

Water pollution effects: Slightly hazardous to water.

Ecotoxicological effects: Do not release to environment without chemical flocculation

Other relating data:

13. Disposal considerations

Small quantities may be added to household .

Larger quantities are to be disposed of under compliance with local public authority regulations.

14. Transport information

Land transport ADR/RID (cross – border)

ADR/RID class :

Maritime transport IMDG:

IMDG Class:

Marine pollutant: No

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class:

Packaging group: Not applicable

15. Regulatory information

Classification : not classified as hazardous

Hazard Symbols: No

Tactile Warning of Danger: No

R-Phrases: No

S-Phrases: –

VbF: Not applicable

Water Hazard Class: 1(self-classification)

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.