

# MATERIAL SAFETY DATA SHEET

## 1. Identification of the substance or mixture and of the supplier

- A. Name of product : BBYarn
- B. Recommended use of the chemical and restrictions on use
- Recommended use : This product is widely used for general clothing, high-functional special thread etc.
  - Restriction on use : Used for only recommended uses.
- C. Supplier identifier
- Company name : BBYARN. CO.,LTD
  - Address : 17, 382 ro, Noksansandan, Gangseo-gu, Busan, Korea
  - Emergency phone number : +82-51-710-4000

## 2. Hazards identification

\* MSDS of this product is not for the substance but for the article.

It is not available for implementation of GHS.

2.1 GHS Classification : Not applicable

2.2 GHS Label elements, including precautionary statemnets

- Pictogram and symbol : Not applicable
- Signal word : Not applicable
- Hazard statement : Not applicable
- Precautionary statement : Not applicable

2.3 Other hazard information not include in hazard classification : Not applicable

## 3. Composition/information on ingredients

Composition	Chemical Name	CAS No.	Contents(%)
Terephthalicacid+ Ethylene glycol	Confidential	Confidential	50
glass beads	Confidential	Confidential	49.55
Water	Confidential	Confidential	0.05
Emulsion	Confidential	Confidential	0.3
Others	Confidential	Confidential	0.1

\* These compositions may be listed for "Right-To-Know" compliance.

Confidential

## 4. First aid measures

※ No first aid measures are anticipated in normal use and application.

A. Eye contact :

- In case of contact with substance, flush eyes with running water.

B. Skin contact :

- In case of contact with substance, flush eyes with running water.

C. inhalation contact :

- There is no dust hazard from this product by inhalation. If overexposure to dust, move victim to fresh air.

D. Ingestion contact :

- Rinse mouth.
- After intaking plenty of water and immediately, call a POISON CENTER or doctor/physician.

E. Indication of immediate medical attention and notes for physician

- Not applicable

## **5. Fire fighting measures**

A. Suitable (and unsuitable) extinguishing media :

- Dry powder, sand, Soda ash, Sodium chloride, water spray

B. Specific hazard arising from the chemical :

- This product is composed of some kinds of flammable polymer and fire may produce smoke.
- This product itself does not burn without any heat source such as other combustible yarns.

C. Special protective equipment and precautions for fire-fighters :

- Keep all sources of ignition (including static electricity) away.
- Breathing apparatus should be worn to protect from hazardous gases which may be generated by thermal decomposition and combustion.
- Do not breathe burning gas.

## **6. Accidental release measures**

A. Personal precautions, protective equipment and emergency procedures :

- Normally, there has been no serious problem related to the spill/leak because yarn is a solid and stable substance.

B. Environmental precautions and protective procedures : Not available

C. The methods of purification and removal : Not available

## **7. Handling and storage**

A. Precautions for safe handling and Conditions for safe storage :

- Store in a clean, cool, and dry place.
- Avoid excessive heat and exposure to exhaust gases from internal combustion engines.

## **8. Exposure controls/personal protection**

A. Occupational Exposure limits : Not available

B. Appropriate engineering controls :

- Sufficient local exhaust ventilation is recommended.
- During certain heat treatment, effective ventilation is more important.

C. Personal protective equipment :

- No special protective equipment is necessary under normal handling.

## 9. Physical and chemical properties

- A. Appearance : Solid(fiber), Bright(white)/Semi-Dull, Black dope dyed
- B. Odor : Odorless
- C. Odor threshold : Not applicable
- D. pH : Not applicable
- E. Melting point/freezing point : approx. 215°C
- F. Initial boiling point and boiling range : Not available
- G. Flash point : Not available
- H. Evaporation rate : Not available
- I. Flammability(solid, gas) : Not available
- J. Upper/lower flammability or explosive limits : Not available
- K. Vapor pressure : Not applicable
- L. Solubility(ies) : Soluble in phenol solution
- M. Vapor pressure : Not available
- N. Specific gravity : 1.30~1.40
- O. Partition coefficient(n-Octanol/water) : Not applicable
- P. Auto ignition temperature : Not available
- Q. Decomposition temperature : Not applicable
- R. Viscosity : Not available
- S. Molecular weight : Not available

## 10. Stability and reactivity

- A. Chemical stability and Possibility of hazardous reactions :
  - Stable under normal temperature and pressure.
  - There is no hazardous polymerization at normal temperature and pressure.
- B. Conditions to avoid :
  - Air, Water
- C. Incompatible materials :
  - Water, Acid, Combustibles, Oxides
- D. Hazardous decomposition products :
  - Not available

## 11. Toxicological information

MSDS of this product is not for the substance but for the article. It is not available for implementation of GHS.

- A. Information of health hazardous : Not available
  - ※ All components of this product are not classified or regulated as a carcinogen by OSHA, ACGIH, NTP, or IARC.

## 12. Ecological information

- A. Ecological toxicity: Not available

- B.Persistence and degradability: Not available
- C.Bioaccumulative potential: Not available
- D.Mobility in soil : Not available
- E.Other hazardous effect : Not available

### **13. Disposal considerations**

- Disposal method and precaution :
  - This product is not a dangerous goods, and should be incinerated or landfilled in compliance with environmental regulations.
  - Waste water containing small amount of residual solvent and some specific inorganics must be disposed in a waste water treatment plant in accordance with environment regulations.

### **14. Transport information**

- This product is not classified as a dangerous goods.

### **15. Regulatory information**

- EU (EINECS/ELINCS/NLPL): Polyester yarn is not classified as a hazardous substance under EU regulation. The polymer is exempted from registration.

### **16. Other information**

- A. Issuing date : 2005. 5. 18
- B. Revision number and date
  - revision number : 3rd
  - date of the latest revision : 2022.09.01

### **\* Other**

- The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions.
- All the individuals expected to work with this product should read and understand the information provided in this MSDS prior to the start of processing.
- The conditions of your use and application of our products, technical assistance and information are beyond our control.
- Therefore, it is imperative that you test our products, and check technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications.
- It does not represent any guarantee of the properties of the product.