

SAFETY DATA SHEET

According to Regulation (EU) No 2015/830

BIP-BK

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: BIP-BK
Product identifier: Plastisol based black ink

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Plastisol based black ink that is used for textile and leather print decoration

1.3 Details of the supplier of the safety data sheet

Supplier: UES Kimya Sanayi Anonim Şirketi
Address: Fatih Mah. 105. Cad. D Blok No: 6C
Kapaklı/TEKİRDAĞ – TÜRKİYE
Phone: +90 546 524 09 33
E-mail: info@ueskimya.com

1.4 Emergency telephone number

UES Kimya: +90 546 524 09 77
Emergency First Aid Center: 112
National Poison Counseling Center: 114
Fire Department: 110

2. Hazards identification

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Not classified.
Environment	Not classified.

2.2 Label elements

Not a hazardous substance or mixture.

2.3 Other hazards

This product does not contain any PBT or vPvB substances.

3. Composition/information on ingredients

3.2 Mixtures

No components need to be disclosed according to the applicable regulations.

4. First aid measures

4.1 Description of first aid measures

Inhalation

Move exposed person to fresh air immediately. In case of an allergic reaction, consult a doctor.

Ingestion

If swallowed, rinse mouth with plenty of water. Consult a doctor if you feel unwell.

Skin contact

Wash the contact area with water. In case of symptoms, consult a doctor.

Eye contact

In case of eye contact, rinse with water keeping the eyelids open for at least 15 minutes. If required, consult a doctor.

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4.2 Most important symptoms and effects, both acute and delayed

Acute and delayed effects are noted in sections 2 and 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5. Firefighting measures

5.1 Extinguishing media

Extinguishing media: Foam, carbon dioxide (CO₂) and dry chemical powder.

5.2 Special hazards arising from the substance or mixture

Fire produces toxic gas. Carbon monoxide (CO), carbon dioxide (CO₂), and hydrogen chloride gas (HCl) can be formed.

5.3 Advice for firefighters

Avoid breathing fire fumes. Respirator, full sealed protective clothing, face mask, protective gloves and safety helmet should be worn. Clean contaminated protective equipment before reuse. Do not allow product powders to fly during fire extinguishing. Clean equipment surfaces exposed to smoke after the fire has been extinguished.

Other informations

In case of accidents and other emergencies, act in accordance with the Internal Emergency Plan and SDS. Eliminate any source of sparks. In the event of fire, cool containers and tanks that may ignite or explode due to high temperature.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

See section 8 for personal protection. Avoid breathing vapours, mist and gas.

6.2 Environmental precautions

Avoid discharge into drains, waterways and ground.

6.3 Methods and material for containment and cleaning up

Store in suitable closed containers for disposal. Dispose of waste materials in accordance with national and local regulations.

6.4 Reference to other sections

See section 13 for waste disposal.

7. Handling and storage

7.1 Precautions for safe handling

Do not smoke while using the product. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

It is recommended to be stored in a cool and well-ventilated environment under the temperature range of 10-30 °C. Avoid excessive dust and moisture.

7.3 Specific end use(s)

Store in a dry and well-ventilated place.

8. Exposure controls/personal protection

8.1 Control parameters

Exposure limits

No data available

8.2 Exposure controls

Protective equipment



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Eye/face protection

Use protective goggles in case of dusting.

Body Protection

Wear suitable gloves to avoid cuts from the sharp edges of thick films.

Respiratory equipment

Respiratory protection not required. Use respiratory mask when the product decomposes.

Environmental Exposure Controls

Avoid discharge into drains, waterways and ground.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Paste
Odour	Characteristic
Color	White
Solubility	Insoluble in water.
Vapor pressure (Pa)	No data available.
Melting point (°C)	No data available.
Density (g/cm ³)	1.15
Viscosity (cP)	>200.000 (IKA me-vi, sp:11, 3 rpm, 25 °C)
pH	Not applicable.
Vapor density	No data available.
Decomposition temperature (°C)	No data available.
Self ignition temperature (°C)	No data available.
Flash point (°C)	>212
Explosive properties	Not explosive

9.2 Other information

No information required.

10. Stability and reactivity

10.1 Reactivity

No harmful reactions if stored under suitable conditions. See section 7.

10.2 Chemical stability

Stable under normal temperature conditions and recommended use. Stable under prescribed storage conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions that produce pressure or excessive temperature are expected under the specified conditions.

10.4 Conditions to avoid

Prolonged exposure to temperatures above 32° C can cause curing in its container

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

Depending on the decomposition conditions, complex chemical mixtures may be released: carbon dioxide (CO₂), carbon monoxide (CO) and hydrogen chloride (HCl) gas.

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11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/eye irritation

May cause eye irritation in case of eye contact.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

Specific target organ toxicity - single exposure

No data available.

Specific target organ toxicity - repeated exposure

No data available.

Aspiration hazard

No data available.

12. Ecological information

12.1 Toxicity

No data available.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

The product does not meet the PBT and vPvB criteria.

12.6 Other adverse effects

No data available.

13. Disposal considerations

13.1 Waste treatment methods

The product must be disposed of in accordance with official regulations. Do not allow the product to mix into sewers and groundwater.

14. Transport information

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

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- 14.1 UN Number**
Not applicable.
- 14.2 UN proper shipping name**
Not applicable.
- 14.3 Transport hazard class(es)**
Transport Labels
Not applicable.
- 14.4 Packing group**
Not applicable.
- 14.5 Environmental hazards**
Environmentally Hazardous Substance/Marine Pollutant
No.
- 14.6 Special precautions for user**
Not applicable.
- 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**
Not applicable.

15. Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures.
- 15.2 Chemical Safety Assessment**
No chemical safety assessment has been carried out.

16. Other information

Abbreviations

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
RID:	European Agreement concerning the International Carriage of Dangerous Goods by Rail.
IATA:	International Air Transport Association.
IBC:	Intermediate Bulk Container- International Code for the Construction and Equipment
IMDG:	International Maritime Dangerous Goods.
MARPOL:	International Convention for the Prevention of Pollution From Ships.
ICAO:	International Civil Aviation Organization.
PBT:	Persistent, Bioaccumulative and Toxic
vPvB:	Very Persistent and Very Bioaccumulative

Classification procedures

Not classified.

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