

SAFETY DATA SHEET

According to Regulation (EU) No 2015/830

BIW-BK

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

1.1 Product identifier

Product name: BIW-BK
Product identifier: Water based black ink

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

Identified uses: Auxiliary material for textile and leather printing

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 Foils: +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.

The Full Text for all Hazard Statements are Displayed in Section 16.

2.2 Label elements

Label In Accordance With (EC) No. 1272/2008

Not a hazardous substance or mixture.

Additional labelling

EUH208 Contains 5-Chloro-2-methyl-3(2H)-isothiazolone (CIT) and 2-Methyl-3(2H)-isothiazolone (MIT) (3:1). May produce an allergic reaction.

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

Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Get medical advice / attention if you feel unwell.
Get medical advice / attention if experiencing respiratory symptoms.

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Ingestion

Rinse mouth. Do not induce vomiting.

Get immediate medical advice / attention.

If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.

Skin contact

Remove / Take off all contaminated clothing immediately.

Wash with plenty of soap and water.

Get immediate medical advice / attention, if skin irritation or rash occurs.

Eye contact

Remove contact lenses, if present and easy to do. Continue rinsing.

Rinse with clean water for at least 15 minutes and then seek medical attention if necessary.

When rinsing, open your eyelids with fingers to insure saturation of water.

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

Fire-extinguishing powder, fire-fighting foam, carbon dioxide, water spray, sand.

5.2 Special hazards arising from the substance or mixture

When exposed to high temperatures, this product may generate dangerous decompositions such as nitrogen oxides, carbon monoxide, carbon dioxide.

Wear self-contained breathing apparatus and special tightly sealed suit.

5.3 Advice for firefighters

Depending on the size of the fire, it may be necessary to use full protective clothing and individual breathing equipment.

Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit, etc.)

5.4 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 are likely to ignite, explode or scorch due to high temperature.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

The use of personal protective equipment is mandatory in case of contact with the spilled product (See section 8). Evacuate the area and keep unprotected persons away. Avoid breathing smoke and gas.

6.2 Environmental precautions

Avoid releasing to the environment. Keep away from drainage, surface and ground water.

6.3 Methods and material for containment and cleaning up

Collect into open container by absorbing with cloths, rags, sand or etc. and then rinse with plenty of water.

Contain the flow path with blankets or sand bags and collect into an appropriate container for large spills.

Prevent the inflow into drains, sewer, basement, or enclosed areas.

Wear appropriate protective equipment throughout the process.

6.4 Reference to other sections

See section 13 for waste disposal.

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7. Handling and storage

7.1 Precautions for safe handling

Seal container after use.
Wash hands thoroughly and rinse mouth after handling.
Do not eat, drink or smoke when using this product.
Do not carry contaminated gloves and protective equipment into rest / break areas.
Wear proper protective equipment to avoid inhalation and contact with eyes and skin.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed.
Keep cool.
Store in a dark light-safe area.
Do not freeze.
Store between 5 and 30 °C

7.3 Specific end use(s)

Except for the aforementioned instructions, no recommendations regarding the use of this product are required to be followed.

8. Exposure controls/personal protection

8.1 Control parameters

No data available.

8.2 Exposure controls Protective equipment



Eye/face protection

Wearing protective glasses is preferred.

Body Protection

Wearing protective clothing (long sleeve uniform) that organic solvent or the chemical do not infiltrate easily is preferred.

Respiratory equipment

Wearing organic vapor gas mask is preferred.

Environmental Exposure Controls

No data available.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Paste
Colour	Black
Odour	Characteristic
Solubility	Miscible with water
Firts boiling point	No data available.
Vapor pressure	No data available.
Melting point	No data available.
Density	1,01 g/cm ³ (at 25 °C)
Solid content	No data available.
Viscosity	250.000-270.000 mPa.s (IKA me-vi, sp:10, 2 rpm, 25 °C)
Concentration	No data available.

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pH	7,5-8,5
Vapor density	No data available.
Partition Coefficient (N-Octanol/Water)	No data available.
Decomposition temperature	No data available.
Self ignition temperature	No data available.
Flash point	No data available.
Flammability	Not flammable.
Explosive properties	Not applicable.
Autoignition temperature	No data available.

9.2 Other information

No information required.

10. Stability and reactivity

10.1 Reactivity

Decomposes upon heating and produces nitrous oxides, carbon dioxide and carbon monoxide.

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

It can decompose and release toxic gas when exposed to high temperature.

10.4 Conditions to avoid

Sunlight, heat, open flame, high temperature, sparks, static electricity, other sources of ignition.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

Nitrous oxides (NO_x), carbon monoxide (CO), carbon dioxide (CO₂) gas might be generated by combustion.

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

No data available.

Respiratory or skin sensitization

May cause an allergic skin reaction.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

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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).

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.

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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

EUH208 May produce an allergic reaction.

Issued By:	Serhat Gündüz
Certificate No:	KDU01.24.06
Certificate Validity Date:	27.08.2027
Issue Date:	27.06.2025
Revision:	-
Revision Date:	-

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