

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## SCHÖNOX® UNITECH

Revision Date 04.01.2025

Version 2.0

Print Date 16.12.2025

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name : SCHÖNOX® UNITECH

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

Product use : Adhesive

#### 1.3 Details of the supplier of the safety data sheet

Company name of supplier : Sika Srbija d.o.o.  
Patrijarha Pavla 1  
22310 Šimanovci  
Srbija  
Telephone : +381 22 21 55 777  
Telefax : +381 22 21 55 780  
E-mail address of person : ehs@rs.sika.com  
responsible for the SDS

#### 1.4 Emergency telephone number

National Toxicology Institute -  
+381 11 360 84 40 (toxicologist on duty - 0- 24h)

### SECTION 2: Hazards identification

Type of product : Mixture

#### 2.1 Classification of the substance or mixture

##### Classification (according to CLP/GHS)

Not a hazardous substance or mixture.

#### 2.2 Label elements

##### Labelling (according to CLP/GHS)

|| Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

##### Additional Labelling

EUH208 Contains 1,2-benzisothiazol-3(2H)-one (BIT), reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1).

May produce an allergic reaction.

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## SCHÖNOX® UNITECH

Revision Date 04.01.2025

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### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Contains a biocide in order to protect the product. Active ingredient: 1,2-benzisothiazol-3(2H)-one (BIT), 2634-33-5, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 55965-84-9. Please use treated articles responsibly.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

| Chemical name                                                                                 | CAS-No.<br>EC-No.<br>Registration number         | Classification<br>(according to<br>CLP/GHS)                                                                                                                                                                                                                                                | Concentration<br>(% w/w) |
|-----------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 1,2-benzisothiazol-3(2H)-one (BIT)                                                            | 2634-33-5<br>220-120-9<br>01-2120761540-60-XXXX  | Acute Tox. 4; H302<br>Acute Tox. 2; H330<br>Skin Irrit. 2; H315<br>Eye Dam. 1; H318<br>Skin Sens. 1A;<br>H317<br>Aquatic Acute 1;<br>H400<br>Aquatic Chronic 1;<br>H410<br><br>M-Factor (Acute aquatic toxicity): 1<br>M-Factor (Chronic aquatic toxicity): 1                              | >= 0,025 - < 0,036       |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | 55965-84-9<br>911-418-6<br>01-2120764691-48-XXXX | Acute Tox. 3; H301<br>Acute Tox. 2; H330<br>Acute Tox. 2; H310<br>Skin Corr. 1C;<br>H314<br>Eye Dam. 1; H318<br>Skin Sens. 1A;<br>H317<br>Aquatic Acute 1;<br>H400<br>Aquatic Chronic 1;<br>H410<br><br>M-Factor (Acute aquatic toxicity): 100<br>M-Factor (Chronic aquatic toxicity): 100 | >= 0,0002 - < 0,0015     |

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## SCHÖNOX® UNITECH

Revision Date 04.01.2025

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Print Date 16.12.2025

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For explanation of abbreviations see section 16.

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- |                         |                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General advice          | : No hazards which require special first aid measures.                                                                                                                            |
| If inhaled              | : Move to fresh air.                                                                                                                                                              |
| In case of skin contact | : Take off contaminated clothing and shoes immediately.<br>Wash off with soap and plenty of water.                                                                                |
| In case of eye contact  | : Remove contact lenses.<br>Keep eye wide open while rinsing.                                                                                                                     |
| If swallowed            | : Do not induce vomiting without medical advice.<br>Rinse mouth with water.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person. |

#### 4.2 Most important symptoms and effects, both acute and delayed

- |          |                                                                                |
|----------|--------------------------------------------------------------------------------|
| Symptoms | : See Section 11 for more detailed information on health effects and symptoms. |
| Risks    | : No known significant effects or hazards.                                     |

#### 4.3 Indication of any immediate medical attention and special treatment needed

- |           |                          |
|-----------|--------------------------|
| Treatment | : Treat symptomatically. |
|-----------|--------------------------|
- 

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

- |                              |                                                                                                                                    |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media | : In case of fire, use water/water spray/water jet/carbon dioxide/sand/foam/alcohol resistant foam/chemical powder for extinction. |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------|

#### 5.2 Special hazards arising from the substance or mixture

- |                               |                                              |
|-------------------------------|----------------------------------------------|
| Hazardous combustion products | : No hazardous combustion products are known |
|-------------------------------|----------------------------------------------|

#### 5.3 Advice for firefighters

- |                              |                                                                  |
|------------------------------|------------------------------------------------------------------|
| Special protective equipment | : In the event of fire, wear self-contained breathing apparatus. |
|------------------------------|------------------------------------------------------------------|
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# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## SCHÖNOX® UNITECH

Revision Date 04.01.2025

Version 2.0

Print Date 16.12.2025

for firefighters

Further information : Standard procedure for chemical fires.

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### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : For personal protection see section 8.

#### 6.2 Environmental precautions

Environmental precautions : No special environmental precautions required.

#### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

For personal protection see section 8.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.  
No special handling advice required.  
Follow standard hygiene measures when handling chemical products

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : When using do not eat or drink. When using do not smoke.

#### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Store in accordance with local regulations.

Advice on common storage : No special restrictions on storage with other products.

Further information on storage stability : No decomposition if stored and applied as directed.

#### 7.3 Specific end use(s)

Specific use(s) : Consult most current local Product Data Sheet prior to any use.

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## SCHÖNOX® UNITECH

Revision Date 04.01.2025

Version 2.0

Print Date 16.12.2025

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

#### 8.2 Exposure controls

##### Engineering measures

Maintain air concentrations below occupational exposure standards.  
Ensure adequate ventilation, especially in confined areas.

##### Personal protective equipment

- |                          |                                                                                                                                                                                                                                                                                                          |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye/face protection      | : Safety glasses                                                                                                                                                                                                                                                                                         |
| Hand protection          | : Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.<br>Butyl rubber/nitrile rubber gloves (> 0,1 mm)<br>Recommended: Butyl rubber/nitrile rubber gloves. |
| Skin and body protection | : Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.                                                                                              |
| Respiratory protection   | : No special measures required.                                                                                                                                                                                                                                                                          |

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### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

- |                |                  |
|----------------|------------------|
| Physical state | : liquid         |
| Appearance     | : paste          |
| Colour         | : beige          |
| Odour          | : characteristic |

Melting point/ range / Freezing point : No data available

Boiling point/boiling range : No data available

Flammability (solid, gas) : No data available

##### Upper/lower flammability or explosive limits

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / : No data available

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## SCHÖNOX® UNITECH

Revision Date 04.01.2025

Version 2.0

Print Date 16.12.2025

Lower flammability limit

Flash point : Not applicable

Auto-ignition temperature : No data available

Decomposition temperature : No data available

pH : 7 - 8

### Viscosity

Viscosity, kinematic : > 7 mm<sup>2</sup>/s (40 °C)

### Solubility(ies)

Water solubility : No data available

Partition coefficient: n-octanol/water : No data available

Vapour pressure : 23 hPa

Density : ca. 1,44 g/cm<sup>3</sup> (20 °C)

Relative vapour density : No data available

## 9.2 Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

The product is chemically stable.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No hazards to be specially mentioned.

### 10.4 Conditions to avoid

Conditions to avoid : No data available

### 10.5 Incompatible materials

Materials to avoid : No data available

### 10.6 Hazardous decomposition products

:

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## SCHÖNOX® UNITECH

Revision Date 04.01.2025

Version 2.0

Print Date 16.12.2025

No hazardous decomposition products are known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Not classified due to lack of data.

#### Components:

##### **|| 1,2-benzisothiazol-3(2H)-one (BIT):**

Acute oral toxicity : Acute toxicity estimate: 450 mg/kg  
Method: Acute toxicity estimate according to Regulation (EC)  
No. 1272/2008

LD50 Oral (Rat): 450 mg/kg

Acute inhalation toxicity : Acute toxicity estimate: 0,21 mg/l  
Test atmosphere: dust/mist  
Method: Acute toxicity estimate according to Regulation (EC)  
No. 1272/2008

LC50: 0,21 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 Dermal (Rabbit): > 2.000 mg/kg

##### **|| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):**

Acute inhalation toxicity : Assessment: Corrosive to the respiratory tract.

#### Skin corrosion/irritation

Not classified due to lack of data.

#### Serious eye damage/eye irritation

Not classified due to lack of data.

#### Respiratory or skin sensitisation

Skin sensitisation: Not classified due to lack of data.  
Respiratory sensitisation: Not classified due to lack of data.

#### Components:

##### **|| 1,2-benzisothiazol-3(2H)-one (BIT):**

Assessment: May cause sensitisation by skin contact.

#### Germ cell mutagenicity

Not classified due to lack of data.

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## SCHÖNOX® UNITECH

Revision Date 04.01.2025

Version 2.0

Print Date 16.12.2025

### **Carcinogenicity**

Not classified due to lack of data.

### **Reproductive toxicity**

Not classified due to lack of data.

### **STOT - single exposure**

Not classified due to lack of data.

### **STOT - repeated exposure**

Not classified due to lack of data.

### **Aspiration toxicity**

Not classified due to lack of data.

## **SECTION 12: Ecological information**

### **12.1 Toxicity**

#### **Components:**

#### **1,2-benzisothiazol-3(2H)-one (BIT):**

Toxicity to daphnia and other : EC50 (Daphnia (water flea)): 3 mg/l  
aquatic invertebrates Exposure time: 48 h

M-Factor (Acute aquatic tox- : 1  
icity)

M-Factor (Chronic aquatic : 1  
toxicity)

#### **reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):**

M-Factor (Acute aquatic tox- : 100  
icity)

M-Factor (Chronic aquatic : 100  
toxicity)

### **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**

#### **Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or

# SAFETY DATA SHEET

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## SCHÖNOX® UNITECH

Revision Date 04.01.2025

Version 2.0

Print Date 16.12.2025

very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

### 12.6 Endocrine disrupting properties

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

#### Product:

Additional ecological information : There is no data available for this product.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : The generation of waste should be avoided or minimized wherever possible.  
Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.  
Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.  
Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.  
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

European Waste Catalogue : 08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

## SECTION 14: Transport information

### 14.1 UN number or ID number

ADR : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA : Not regulated as a dangerous good

### 14.2 UN proper shipping name

Country RS 000000670223

9 / 13

# SAFETY DATA SHEET

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("Sl. glasnik RS", br. 11/24)



## SCHÖNOX® UNITECH

Revision Date 04.01.2025

Version 2.0

Print Date 16.12.2025

**ADR** : Not regulated as a dangerous good  
**IMDG** : Not regulated as a dangerous good  
**IATA** : Not regulated as a dangerous good

### 14.3 Transport hazard class(es)

**ADR** : Not regulated as a dangerous good  
**IMDG** : Not regulated as a dangerous good  
**IATA** : Not regulated as a dangerous good

### 14.4 Packing group

**ADR** : Not regulated as a dangerous good  
**IMDG** : Not regulated as a dangerous good  
**IATA (Cargo)** : Not regulated as a dangerous good  
**IATA (Passenger)** : Not regulated as a dangerous good

### 14.5 Environmental hazards

Not regulated as a dangerous good

### 14.6 Special precautions for user

Not applicable

### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

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## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

International Chemical Weapons Convention (CWC) : Not applicable  
Schedules of Toxic Chemicals and Precursors

REACH Information: All substances contained in our Products are  
- registered by our upstream suppliers, and/or  
- registered by us, and/or  
- excluded from the regulation, and/or  
- exempted from the registration.

br. 90/2013, 25/2015, 2/2016, 44/2017, 36/2018, 9/2020, 57/2022 and 29/2024). : Conditions of restriction for the following entries should be considered:  
Number on list 75

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : None of the components are listed  
(=> 0.1 %).

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

# SAFETY DATA SHEET

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("Sl. glasnik RS", br. 11/24)



## SCHÖNOX® UNITECH

Revision Date 04.01.2025

Version 2.0

Print Date 16.12.2025

Regulation (EC) on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.  
Not applicable

|| Volatile organic compounds : Law on the incentive tax for volatile organic compounds (VOCV)  
Volatile organic compounds (VOC) content: < 0,01% w/w  
no VOC duties

### Other regulations:

Rulebook on the content of a safety data sheet (Official Gazette No. 11/24)

Rulebook on classification, packaging, labeling and advertising of chemicals and products in accordance with UN Globally Harmonized System of Classification and Labelling ("State Gazz. RS", 105/2013, 52/2017, 21/2019, 40/2023).

Law on chemicals ("Off. gazette RS" No. 36/09, 88/10, 92/11, 93/12 and 25/15)

Law on waste management ("Off. Gazette RS" No. 36/2009, 88/2010, 14/2016, 95/2018 - dr. zakon i 35/2023)

Rulebook on categories, testing and classification of waste ("Off. gazette RS" No. 56/2010, 93/2019, 39/2021 and 65/2024)

### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## SECTION 16: Other information

### Full text of H-Statements

H301 : Toxic if swallowed.  
H302 : Harmful if swallowed.  
H310 : Fatal in contact with skin.  
H314 : Causes severe skin burns and eye damage.  
H315 : Causes skin irritation.  
H317 : May cause an allergic skin reaction.

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## SCHÖNOX® UNITECH

Revision Date 04.01.2025

Version 2.0

Print Date 16.12.2025

|      |                                                         |
|------|---------------------------------------------------------|
| H318 | : Causes serious eye damage.                            |
| H330 | : Fatal if inhaled.                                     |
| H400 | : Very toxic to aquatic life.                           |
| H410 | : Very toxic to aquatic life with long lasting effects. |

### Full text of other abbreviations

|                 |                                                                                                                                                                                                                                        |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute Tox.      | : Acute toxicity                                                                                                                                                                                                                       |
| Aquatic Acute   | : Short-term (acute) aquatic hazard                                                                                                                                                                                                    |
| Aquatic Chronic | : Long-term (chronic) aquatic hazard                                                                                                                                                                                                   |
| Eye Dam.        | : Serious eye damage                                                                                                                                                                                                                   |
| Skin Corr.      | : Skin corrosion                                                                                                                                                                                                                       |
| Skin Irrit.     | : Skin irritation                                                                                                                                                                                                                      |
| Skin Sens.      | : Skin sensitisation                                                                                                                                                                                                                   |
| ADR             | : European Agreement concerning the International Carriage of Dangerous Goods by Road                                                                                                                                                  |
| CAS             | : Chemical Abstracts Service                                                                                                                                                                                                           |
| DNEL            | : Derived no-effect level                                                                                                                                                                                                              |
| EC50            | : Half maximal effective concentration                                                                                                                                                                                                 |
| GHS             | : Globally Harmonized System                                                                                                                                                                                                           |
| IATA            | : International Air Transport Association                                                                                                                                                                                              |
| IMDG            | : International Maritime Code for Dangerous Goods                                                                                                                                                                                      |
| LD50            | : Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)                                                                                               |
| LC50            | : Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)                                                                                                 |
| MARPOL          | : International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978                                                                                                                        |
| OEL             | : Occupational Exposure Limit                                                                                                                                                                                                          |
| PBT             | : Persistent, bioaccumulative and toxic                                                                                                                                                                                                |
| PNEC            | : Predicted no effect concentration                                                                                                                                                                                                    |
| REACH           | : Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency |
| SVHC            | : Substances of Very High Concern                                                                                                                                                                                                      |
| vPvB            | : Very persistent and very bioaccumulative                                                                                                                                                                                             |

### Further information

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

|| Changes as compared to previous version !

RS / EN

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet

("Sl. glasnik RS", br. 11/24)



**SCHÖNOX® UNITECH**

Revision Date 04.01.2025

Version 2.0

Print Date 16.12.2025

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