



## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 21.03.2025

Version number 39 (replaces version 38)

Revision: 21.03.2025

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

- **1.1 Product identifier**
  - **Trade name:** BTK MK DIRECT GRIP CQ 370G\*12 IT
  - **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
  - **Application of the substance / the mixture** Adhesive
  - **1.3 Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**  
Bison International  
Dr.A.F.Philipsstraat 9  
NL-4462 EW Goes  
PO Box 160  
NL-4460 AD Goes  
tel. +31 88 3235700  
fax. +31 88 3235800  
e mail: sds@boltonadhesives.com
  - **Further information obtainable from:** PSRA
  - **1.4 Emergency telephone number:**  
Bison and Griffon products: +31 88 3235700. Operating hours mo-fr 08:00h-17:00h (CET)  
UHU products: + 49 (0) 30/19240 (Notruf). Operating hours mo-fr 08:00h-17:00h (CET)
- For detailed information contact the national Poison Centre @  
<https://poisoncentres.echa.europa.eu/appointed-bodies>

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
The product is not classified, according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Additional information:**  
EUH208 Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1), 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.  
EUH210 Safety data sheet available on request.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Adhesive

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### Dangerous components:

|   |   |                             |
|---|---|-----------------------------|
| <p>CAS: 2634-33-5<br/>EINECS: 220-120-9<br/>Index number: 613-088-00-6<br/>Reg.nr.: 01-2120761540-60-XXXX</p> | <p>1,2-benzisothiazol-3(2H)-one<br/>☠ Eye Dam. 1, H318; ☠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ☠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317<br/>Specific concentration limit:<br/>Skin Sens. 1;H317: C ≥ 0.05 %</p>   | <p>&lt;0.025%</p>           |
| <p>CAS: 55965-84-9<br/>Index number: 613-167-00-5<br/>Reg.nr.: 01-2120764691-48-XXXX</p>                      | <p>mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)<br/>☠ Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; ☠ Skin Corr. 1C, H314; Eye Dam. 1, H318; ☠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); ☠ Skin Sens. 1A, H317, EUH071<br/>Specific concentration limits:<br/>Skin Corr. 1C;H314: C ≥ 0.6 %<br/>Skin Irrit. 2; H315: 0.06 % ≤ C &lt; 0.6 %<br/>Eye Dam. 1; H318: C ≥ 0.6 %<br/>Eye Irrit. 2; H319: 0.06 % ≤ C &lt; 0.6 %<br/>Skin Sens. 1A; H317: C ≥ 0.0015 %</p> | <p>≥0.00025-&lt;0.0015%</p> |

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

· **General information:** No special measures required.

#### After inhalation:

Supply fresh air; consult doctor in case of complaints.  
No special measures required.

· **After skin contact:** Generally the product does not irritate the skin.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:** If symptoms persist consult doctor.

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

No further relevant information available.

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

No further relevant information available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

· **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

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

No further relevant information available.

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- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Send for recovery or disposal in suitable receptacles.  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**  
No dangerous substances are released.  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Storage class:** 12
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**· DNELs****2634-33-5 1,2-benzisothiazol-3(2H)-one**

|            |   |                        |
|------------|---|------------------------|
| Dermal     | Worker, dermal, longterm exposition       | 0.966 mg/kg bw/day     |
|            | Consumer, dermal, longterm exposition     | 0.345 mg/kg bw/day     |
| Inhalative | Worker, inhalative, longterm exposition   | 6.81 mg/m <sup>3</sup> |
|            | Consumer, inhalative, longterm exposition | 1.2 mg/m <sup>3</sup>  |

**· PNECs****2634-33-5 1,2-benzisothiazol-3(2H)-one**

|                      |                         |
|----------------------|-------------------------|
| Fresh water          | 0.00403 mg/l            |
| Fresh water sediment | 0.0499 mg/kg dry weight |
| Marine water         | 0.000403 mg/l           |

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|   |                          |
|---|--------------------------|
| Marine sediment   | 0.00499 mg/kg dry weight |
| Soil  | 3 mg/kg                  |
| Sewage treatment plant  | 1.03 mg/l                |
| <b>55965-84-9 mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</b> |                          |
| Fresh water   | 0.00339 mg/l             |
| Fresh water sediment  | 0.027 mg/kg dry weight   |
| Marine water  | 0.00339 mg/l             |
| Marine sediment   | 0.027 mg/kg dry weight   |
| Soil  | 0.01 mg/kg               |
| Sewage treatment plant  | 0.23 mg/l                |

- **Additional information:** The lists valid during the making were used as basis.

- **8.2 Exposure controls**

- **Appropriate engineering controls** No further data; see section 7.

- **Individual protection measures, such as personal protective equipment**

- **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Wash hands before breaks and at the end of work.

- **Respiratory protection:** Not required.

- **Hand protection**

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

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

- **Material of gloves**

Recommended thickness of the material: > 0,12 mm

Nitrile rubber, NBR

- **Penetration time of glove material**

For the mixture of chemicals mentioned below the penetration time has to be at least 10 minutes (Permeation according to EN 374 Part 3: Level 1).

- **Eye/face protection** Goggles recommended during refilling

**SECTION 9: Physical and chemical properties**

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Physical state**

Fluid

- **Colour:**

According to product specification

- **Odour:**

Characteristic

- **Odour threshold:**

Not determined.

- **Melting point/freezing point:**

Undetermined.

- **Boiling point or initial boiling point and boiling range**

100 °C

- **Flammability**

Not applicable.

- **Lower and upper explosion limit**

- **Lower:**

Not determined.

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|   |   |
|---|---|
| · Upper:  | Not determined.   |
| · Flash point:  | Not applicable.   |
| · Decomposition temperature:  | Not determined.   |
| · pH at 20 °C   | 8.5   |
| · Viscosity:  |   |
| · Kinematic viscosity   | Not determined.   |
| · Dynamic:  | Not determined.   |
| · Solubility  |   |
| · water:  | Not miscible or difficult to mix.   |
| · Partition coefficient n-octanol/water (log value)                             | Not determined.   |
| · Vapour pressure at 20 °C:   | 23 hPa  |
| · Density and/or relative density   |   |
| · Density at 20 °C:   | 1.546 g/cm <sup>3</sup>   |
| · Relative density  | Not determined.   |
| · Vapour density  | Not determined.   |
| · 9.2 Other information   | All relevant physical data were determined for the mixture. All non-determined data are not measurable or not relevant for the characterization of the mixture. |
| · Appearance:   |   |
| · Form:   | Fluid   |
| · Important information on protection of health and environment, and on safety. |   |
| · Ignition temperature:   | Product is not selfigniting.  |
| · Explosive properties:   | Product does not present an explosion hazard.   |
| · Solvent content:  |   |
| · Water:  | 33.6 %  |
| · Solids content:   | 63.5 %  |
| · Change in condition   |   |
| · Evaporation rate  | Not determined.   |
| · Information with regard to physical hazard classes                            |   |
| · Explosives  | Void  |
| · Flammable gases   | Void  |
| · Aerosols  | Void  |
| · Oxidising gases   | Void  |
| · Gases under pressure  | Void  |
| · Flammable liquids   | Void  |
| · Flammable solids  | Void  |
| · Self-reactive substances and mixtures   | Void  |
| · Pyrophoric liquids  | Void  |
| · Pyrophoric solids   | Void  |
| · Self-heating substances and mixtures  | Void  |
| · Substances and mixtures, which emit flammable gases in contact with water     | Void  |
| · Oxidising liquids   | Void  |
| · Oxidising solids  | Void  |
| · Organic peroxides   | Void  |

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- |                           |      |
|---------------------------|------|
| · Corrosive to metals     | Void |
| · Desensitised explosives | Void |

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

#### 2634-33-5 1,2-benzisothiazol-3(2H)-one

|            |          |                   |
|------------|----------|-------------------|
| Oral       | LD50     | 670 mg/kg (rat)   |
| Dermal     | LD50     | >2000 mg/kg (rat) |
| Inhalative | LC50/4 h | 0.4 mg/l (rat)    |

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity**  
Not applicable.  
Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **Acute effects (acute toxicity, irritation and corrosivity)** Not applicable.
- **Sensitisation** Not applicable.
- **Repeated dose toxicity** Not applicable.
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

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### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**  
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.  
Disposal must be made according to official regulations.
- **Uncleaned packaging:**
- **Recommendation:**  
Packagings that may not be cleansed are to be disposed of in the same manner as the product.

### SECTION 14: Transport information

- |  |               |
|--|---------------|
| · <b>14.1 UN number or ID number</b>     |               |
| · <b>ADR/ADN, IMDG, IATA</b>             | not regulated |
|  | -             |
| · <b>ADN</b>                             | not regulated |
| · <b>14.2 UN proper shipping name</b>    |               |
| · <b>ADR/ADN, ADN, IMDG, IATA</b>        | not regulated |
| · <b>14.3 Transport hazard class(es)</b> |               |
| · <b>ADR/ADN, ADN, IMDG, IATA</b>        |               |
| · <b>Class</b>                           | not regulated |
| · <b>14.4 Packing group</b>              |               |
| · <b>ADR/ADN, IMDG, IATA</b>             | not regulated |
| · <b>14.5 Environmental hazards:</b>     |               |
| · <b>Marine pollutant:</b>               | No            |

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- |   |  |
|---|--|
| · <b>14.6 Special precautions for user</b>                            | Not applicable.                                      |
| · <b>14.7 Maritime transport in bulk according to IMO instruments</b> | Not applicable.                                      |
| · <b>Transport/Additional information:</b>                            | Not dangerous according to the above specifications. |
| · <b>UN "Model Regulation":</b>                                       | not regulated  |

### SECTION 15: Regulatory information

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

- Directive 2012/18/EU

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

- **REGULATION (EU) 2019/1148**

- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

- **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

- **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 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.

- **Relevant phrases**

- 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.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.

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H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
EUH071 Corrosive to the respiratory tract.

- **Department issuing SDS:** PSRA
- **Contact:** PSRA
- **Date of previous version:** 03.02.2022
- **Version number of previous version:** 38
- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 2: Acute toxicity – Category 2

Skin Corr. 1C: Skin corrosion/irritation – Category 1C

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

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