

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

Printing date 29.07.2024 Version number 12 (replaces version 11) Revision: 29.07.2024

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

- · 1.1 Product identifier
- · Trade name: BTK SK NEUTR IV CQ 300ML*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 Sealant
- · 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

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- · 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with national regulations.

Additional information:

EUH208 Contains 2-octyl-2H-isothiazol-3-one, trimethoxyvinylsilane. May produce an allergic reaction.

- · 2.3 Other hazards During curing methanol (CAS 67-56-1) is produced.
- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.

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|--|--------------------|
| Determination of endocrine-disrupting properties | |
| 870-08-6 dioctyltin oxide | List II |

| SECTION 3: Composition | on/information on ingredients | |
|---|---|------------------|
| 3.2 Mixtures Description: Sealant | | |
| Dangerous components: | | |
| CAS: 64742-46-7 EINECS: 265-148-2 Index number: 649-221-00-X Reg.nr.: 01-2119827000-58 | Distillates (petroleum), hydtrotreated middle Asp. Tox. 1, H304 | 2.5-10% |
| CAS: 3087-39-6 | titanium(4)-2-methylpropane-2-oleate Skin Irrit. 2, H315; Eye Irrit. 2, H319 | 1-2.5% |
| CAS: 2768-02-7 EINECS: 220-449-8 Reg.nr.: 01-2119513215-52 | trimethoxyvinylsilane ♦ Flam. Liq. 3, H226; ♦ Acute Tox. 4, H332 | 1-2.5% |
| CAS: 67-56-1 EINECS: 200-659-6 Index number: 603-001-00-X Reg.nr.: 01-2119433307-44 | methanol | <1% |
| CAS: 870-08-6 EINECS: 212-791-1 Reg.nr.: 01-2119971268-27 | dioctyltin oxide STOT SE 2, H371 | <1% |
| CAS: 2768-02-7 EINECS: 220-449-8 Index number: 014-049-00-0 Reg.nr.: 01-2119513215-52 | trimethoxyvinylsilane Flam. Liq. 3, H226; Acute Tox. 4, H332; Skin Sens. 1B, H317 | ≥0.1-<1% |
| CAS: 556-67-2 EINECS: 209-136-7 Index number: 014-018-00-1 Reg.nr.: 01-2119529238-36 | octamethylcyclotetrasiloxane Flam. Liq. 3, H226; S Repr. 2, H361f; Aquatic Chronic 1, H410 (M=10) PBT; vPvB | ≥0.025-<0.25% |
| CAS: 26530-20-1 EINECS: 247-761-7 Index number: 613-112-00-5 | 2-octyl-2H-isothiazol-3-one | ≥0.00025-<0.0015 |

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• 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.

- · 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 product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

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

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.

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- · 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 | 8: Exposure | controls/ | personal | protection |
|-----------|-------------|-----------|----------|------------|
|-----------|-------------|-----------|----------|------------|

· 8.1 Control parameters

2768-02-7 trimethoxyvinylsilane

| · Ingred | · Ingredients with limit values that require monitoring at the workplace: | |
|----------|---|--|
| 67-56-1 | l methanol | |
| IOELV | Long-term value: 260 mg/m³, 200 ppm Skin | |

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|----|-----|----|----|
|----|-----|----|----|

| Oral | Consumer, oral, longterm exposition | 0.3 mg/kg bw/day (rat) |
|------------|---|------------------------|
| Dermal | Worker, dermal, longterm exposition | 3.9 mg/kg bw/day (rat) |
| | Consumer, dermal, longterm exposition | 7.8 mg/kg bw/day (rat) |
| Inhalative | Worker, inhalative, longterm exposition | 27.6 mg/m³ (rat) |
| | Consumer, inhalative, longterm exposition | 6.7 mg/m³ (rat) |
| | | 18.9 mg/m³ (rabbit) |
| 2768-02-7 | trimethoxyvinylsilane | |
| Oral | Consumer, oral, longterm exposition | 0.3 mg/kg bw/day (rat) |
| Dermal | Worker, dermal, longterm exposition | 3.9 mg/kg bw/day (rat) |
| | Consumer, dermal, longterm exposition | 7.8 mg/kg bw/day (rat) |
| Inhalative | Worker, inhalative, longterm exposition | 27.6 mg/m³ (rat) |
| | Consumer, inhalative, longterm exposition | 6.7 mg/m³ (rat) |
| | | 18.9 mg/m³ (rabbit) |

| ·PNECs | |
|------------------------|-----------------------------|
| 2768-02-7 trimethoxyvi | nylsilane |
| Fresh water | 0.4 mg/l (rat) |
| Fresh water sediment | 1.5 mg/kg dry weight (rat) |
| Marine water | 0.04 mg/l (rat) |
| Marine sediment | 0.15 mg/kg dry weight (rat) |
| Soil | 0.06 mg/kg (rat) |
| Sewage treatment plant | 6.6 mg/l (rat) |
| Sporadic release | 2.4 mg/l (rat) |
| 2768-02-7 trimethoxyvi | nylsilane |
| Fresh water | 0.4 mg/l (rat) |
| Fresh water sediment | 1.5 mg/kg dry weight (rat) |
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| Marine water | 0.04 mg/l (rat) | ĺ |
|------------------------|-----------------------------|---|
| Marine sediment | 0.15 mg/kg dry weight (rat) | |
| Soil | 0.06 mg/kg (rat) | |
| Sewage treatment plant | 6.6 mg/l (rat) | |
| Sporadic release | 2.4 mg/l (rat) | |

- · 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 necessary if room is well-ventilated.
- · 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: Different according to colouring

Odour: Characteristic
 Odour threshold: Not determined.
 Melting point/freezing point: Undetermined.

· Boiling point or initial boiling point and

boiling range 2230 °C • Flammability Not applicable.

· Lower and upper explosion limit

Lower: Not determined.
Upper: Not determined.
Flash point: Not applicable.
Auto-ignition temperature: >370 °C

Decomposition temperature: Not determined. pH Not determined.

Viscosity:

· Kinematic viscosity Not determined.

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(Contd. of page 5) · Dynamic: Not determined. · Solubility · water: Not miscible or difficult to mix. Partition coefficient n-octanol/water (log value) Not determined. · Vapour pressure: Not determined. · Density and/or relative density Not determined. · Density: · 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: Pasty · 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: · Organic solvents: 0.3 % · Solids content: 62.0 % · 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 Corrosive to metals Void **Desensitised explosives** Void

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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: Possible in traces.
- · Additional information: During curing methanol (CAS 67-56-1) is produced.

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 \ | /alues rele | evant for classification: |
|-------------|-------------|---------------------------|
| 2768-02-7 | trimethox | kyvinylsilane |
| Oral | LD50 | 6899 mg/kg (rat) |
| Dermal | LD50 | 3158 mg/kg (rat) |
| Inhalative | LC50/4 h | 16.8 mg/l (rat) |
| 67-56-1 m | ethanol | |
| Oral | LD50 | 5628 mg/kg (rat) |
| Dermal | LD50 | 15800 mg/kg (rabbit) |
| 870-08-6 d | dioctyltin | oxide |
| Oral | LD50 | 2500 mg/kg (rat) |
| 2768-02-7 | trimethox | kyvinylsilane |
| Oral | LD50 | 6899 mg/kg (rat) |
| Dermal | LD50 | 3158 mg/kg (rat) |
| | | 16.8 mg/l (rat) |
| 26530-20- | 1 2-octyl-2 | 2H-isothiazol-3-one |
| Oral | LD50 | 125 mg/kg (ATE) |
| Dermal | LD50 | 311 mg/kg (ATE) |
| Inhalative | LC50/4 h | 0.27 mg/l (ATE) |

Skin corrosion/irritation

Component CAS No. Method Species Conclusion
Vinyltrimethoxysilane 2768-02-7 OECD No. 429 mouse, dermal no sensitisation

- 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.

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- · 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

| Γ | · Endocrin | e disrupting properties | |
|---|------------|------------------------------|--------------|
| Γ | 870-08-6 | dioctyltin oxide | List II |
| | 556-67-2 | octamethylcyclotetrasiloxane | List II; III |

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

For information on endocrine disrupting properties see section 11.

- · 12.7 Other adverse effects
- · Remark: Harmful to fish
- · Additional ecological information:
- · General notes:

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

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

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.

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| 14.1 UN number or ID number | |
|---|--|
| ADR/ADN, IMDG, IATA | not regulated |
| ADN | - not regulated |
| 14.2 UN proper shipping name ADR/ADN, ADN, IMDG, IATA | not regulated |
| 14.3 Transport hazard class(es) | |
| ADR/ADN, ADN, IMDG, IATA | |
| Class | not regulated |
| 14.4 Packing group ADR/ADN, IMDG, IATA | not regulated |
| 14.5 Environmental hazards: | Not applicable. |
| 14.6 Special precautions for user | Not applicable. |
| 14.7 Maritime transport in bulk according IMO instruments | ng to Not applicable. |
| Transport/Additional information: | Not dangerous according to the abspecifications. |
| UN "Model Regulation": | 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.
- · REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 69, 70
- Regulation (EU) No 649/2012

870-08-6 dioctyltin oxide

Annex I Part 1

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
- · 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.

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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

Highly flammable liquid and vapour. H225

Flammable liquid and vapour. H226

H301 Toxic if swallowed.

H304 May be fatal if swallowed and enters airways.

H311 Toxic 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.

Causes serious eye irritation. H319

H330 Fatal if inhaled.

H331 Toxic if inhaled.

Harmful if inhaled. H332

Suspected of damaging fertility. H361f

H370 Causes damage to organs.

H371 May cause damage to organs.

Very toxic to aquatic life. H400

Very toxic to aquatic life with long lasting effects. H410

EUH071 Corrosive to the respiratory tract.

Classification according to Regulation (EC) No 1272/2008

Hazardous to the aquatic environment - longterm (chronic) aquatic hazard

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Department issuing SDS: PSRA

· Contact: PSRA

· Date of previous version: 12.04.2022 · Version number of previous version: 11

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

ATE: Acute toxicity estimate values

Flam. Liq. 2: Flammable liquids - Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 3: Acute toxicity – Category 3 Acute Tox. 2: Acute toxicity – Category 2

Acute Tox. 4: Acute toxicity - Category 4

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Skin Corr. 1: Skin corrosion/irritation - Category 1 Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2: Serious eye damage/eye irritation - Category 2

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

Skin Sens. 1A. Skin sensitisation – Category 1A
Skin Sens. 1B: Skin sensitisation – Category 1B
Repr. 2: Reproductive toxicity – Category 2
STOT SE 1: Specific target organ toxicity (single exposure) – Category 1
STOT SE 2: Specific target organ toxicity (single exposure) – Category 2

Asp. Tox. 1: Aspiration hazard - Category 1

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 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard — Category 3

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