Safety data sheet
according to UK REACH

Printing date 19.12.2024 Version number 1 Revision: 19.12.2024

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

· **Product identifier**

· **Trade name: beko Bau-Silicon »Neutral« farbig**
· **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
· **Application of the substance / the mixture** *Sealant*

· **Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
beko GmbH
Rappenfeldstr. 5
DE-86653 Monheim
Tel: +49 (0) 90 91 / 9 08 98-0
Fax: +49 (0) 90 91 / 9 08 98-29
info@beko-group.com
www.beko-group.com

· **Further information obtainable from:** *info@beko-group.com*
· **Emergency telephone number:** *Poison Control Center Mainz - 24 h - phone: +49 (0) 6131/19240*

SECTION 2: Hazards identification

· **Classification of the substance or mixture**
· **Classification according to Regulation (EC) No 1272/2008**
The product is not classified, according to the GB CLP regulation.

· **Label elements**
· **Labelling according to Regulation (EC) No 1272/2008** *Void*
· **Hazard pictograms** *Void*
· **Signal word** *Void*
· **Hazard statements** *Void*
· **Additional information:**
Contains 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.
Safety data sheet available on request.
· **Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** *Not applicable.*
· **vPvB:** *Not applicable.*

*
SECTION 3: Composition/information on ingredients

· **Mixtures**
· **Description:** *Mixture of substances listed below with nonhazardous additions.*

· **Dangerous components:**		
CAS: 1437281-01-0 *Reg.nr.: 01-2120042084-68-XXXX*	*Alkanes, C15-19-branched and linear* *Asp. Tox. 1, H304*	*20–<30%*

(Contd. on page 2)

Safety data sheet
according to UK REACH

Printing date 19.12.2024 Version number 1 Revision: 19.12.2024

Trade name: beko Bau-Silicon »Neutral« farbig

(Contd. of page 1)

CAS: 37859-55-5	*O,O',O''-(methylsilylidyne)trioxime 2-pentanone* *Acute Tox. 4, H302; Eye Irrit. 2, H319*	*1–<5%*
CAS: 26530-20-1 *EINECS: 247-761-7*	*2-octyl-2H-isothiazol-3-one* *Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Skin Sens. 1A, H317, EUH071* *ATE: LD50 oral: 125 mg/kg* *LD50 dermal: 311 mg/kg* *LC50/4 h inhalative: 0.27 mg/l* *Specific concentration limit:* *Skin Sens. 1A;H317: C ≥ 0.0015 %*	*≥0.00025–<0.0015%*

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

SECTION 4: First aid measures

· **Description of first aid measures**
· **After inhalation:** *Supply fresh air; consult doctor in case of complaints.*
· **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.*
· **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
· **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

· **Extinguishing media**
· **Suitable extinguishing agents:** *Use fire extinguishing methods suitable to surrounding conditions.*
· **Special hazards arising from the substance or mixture** *No further relevant information available.*
· **Advice for firefighters**
· **Protective equipment:** *No special measures required.*

SECTION 6: Accidental release measures

· **Personal precautions, protective equipment and emergency procedures** *Not required.*
· **Environmental precautions:** *Do not allow to enter sewers/ surface or ground water.*
· **Methods and material for containment and cleaning up:** *Pick up mechanically.*
· **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

· **Precautions for safe handling** *No special precautions are necessary if used correctly.*
· **Information about fire - and explosion protection:** *No special measures required.*

· **Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:** *No special requirements.*

(Contd. on page 3)

Safety data sheet
according to UK REACH

Printing date 19.12.2024 Version number 1 Revision: 19.12.2024

Trade name: beko Bau-Silicon »Neutral« farbig

(Contd. of page 2)

· **Information about storage in one common storage facility:** *Not required.*
· **Further information about storage conditions:** *None.*
· **Storage class:** *13*
· **Specific end use(s)** *No further relevant information available.*

*
SECTION 8: Exposure controls/personal protection

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

· **Exposure controls**
· **Appropriate engineering controls** *No further data; see section 7.*
· **Individual protection measures, such as personal protective equipment**
· **General protective and hygienic measures:** *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**
Chemical-resistant protective gloves (EN ISO 374).
Minimum layer thickness: 0.5 mm
Permeation time (breakthrough time): 240 min
The breakthrough times determined according to EN 16523-1 were not carried out under practical conditions.
A maximum wearing time corresponding to 50 % of the breakthrough time is recommended.
Nitrile rubber, NBR
Butyl rubber, BR
Chloroprene rubber, CR
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
· **Eye/face protection**

Tightly sealed goggles

*
SECTION 9: Physical and chemical properties

· **Information on basic physical and chemical properties**
· **General Information**

· **Physical state**	*Solid*
· **Colour:**	*Various colours*
· **Odour:**	*Characteristic*
· **Odour threshold:**	*Not determined.*

(Contd. on page 4)

Safety data sheet
according to UK REACH

Printing date 19.12.2024 Version number 1 Revision: 19.12.2024

Trade name: beko Bau-Silicon »Neutral« farbig

(Contd. of page 3)

· **Melting point/freezing point:**	*Undetermined.*
· **Boiling point or initial boiling point and boiling range**	*Undetermined.*
· **Flammability**	*Not determined.*
· **Lower and upper explosion limit**	
· **Lower:**	*Not determined.*
· **Upper:**	*Not determined.*
· **Flash point:**	*Not applicable.*
· **Decomposition temperature:**	*Not determined.*
· **pH**	*Not applicable.*
· **Viscosity:**	
· **Kinematic viscosity**	*Not applicable.*
· **Dynamic:**	*Not applicable.*
· **Solubility**	
· **water:**	*Insoluble.*
· **Partition coefficient n-octanol/water (log value)**	*Not determined.*
· **Vapour pressure:**	*Not applicable.*
· **Density and/or relative density**	
· **Density at 20 °C:**	*1.21 g/cm³*
· **Relative density**	*Not determined.*
· **Vapour density**	*Not applicable.*

· **Other information**	
· **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.*
· **Change in condition**	
· **Evaporation rate**	*Not applicable.*

· **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*

SECTION 10: Stability and reactivity

· **Reactivity** *No further relevant information available.*

(Contd. on page 5)

Safety data sheet
according to UK REACH

Printing date 19.12.2024 Version number 1 Revision: 19.12.2024

Trade name: beko Bau-Silicon »Neutral« farbig

(Contd. of page 4)

· **Chemical stability**
· **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
· **Possibility of hazardous reactions** *No dangerous reactions known.*
· **Conditions to avoid** *No further relevant information available.*
· **Incompatible materials:** *No further relevant information available.*
· **Hazardous decomposition products:** *No dangerous decomposition products known.*

*
SECTION 11: Toxicological information

· **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:**		
ATE (Acute Toxicity Estimates)		
Oral	*LD50*	*94,923 mg/kg (rat)*

CAS: 1437281-01-0 Alkanes, C15-19-branched and linear		
Oral	*LD50*	*>5,000 mg/kg (rat)*
Dermal	*LD50*	*>2,000 mg/kg (rab)*
CAS: 37859-55-5 O,O',O"-(methylsilylidyne)trioxime 2-pentanone		
Oral	*LD50*	*1,234 mg/kg (rat)*
Dermal	*LD50*	*>1,782 mg/kg (rat)*
CAS: 26530-20-1 2-octyl-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)*

· **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** *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.*
· **Information on other hazards**

· **Endocrine disrupting properties**
None of the ingredients is listed.

*
SECTION 12: Ecological information

· **Toxicity**

· **Aquatic toxicity:**	
CAS: 1437281-01-0 Alkanes, C15-19-branched and linear	
EL50/72h	*>100 mg/l (algae) (OECD 201 (Alga Growth Inhibition Test))*
EL50/48h	*>100 mg/l (daphnia) (OECD 202 (Daphnia sp. Acute Immobolisation Test))*
CAS: 37859-55-5 O,O',O"-(methylsilylidyne)trioxime 2-pentanone	
LC50/96h (static)	*>113 mg/l (fish) (freshwater, stat., OECD 203)*
EC50/48h	*>113 mg/l (daphnia) (freshwater, stat., OECD 202)*

· **Persistence and degradability** *No further relevant information available.*

(Contd. on page 6)

Safety data sheet
according to UK REACH

Printing date 19.12.2024 Version number 1 Revision: 19.12.2024

Trade name: beko Bau-Silicon »Neutral« farbig

(Contd. of page 5)

· **Bioaccumulative potential** *No further relevant information available.*
· **Mobility in soil** *No further relevant information available.*
· **Results of PBT and vPvB assessment**
· **PBT:** *Not applicable.*
· **vPvB:** *Not applicable.*
· **Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
· **Other adverse effects**
· **Additional ecological information:**
· **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

· **Waste treatment methods**
· **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**
· **Recommendation:** *Disposal must be made according to official regulations.*

SECTION 14: Transport information

· **UN number or ID number** · **ADR, IMDG, IATA**	*not regulated*
· **UN proper shipping name** · **ADR, IMDG, IATA**	*not regulated*
· **Transport hazard class(es)** · **ADR, ADN, IMDG, IATA** · **Class**	*not regulated*
· **Packing group** · **ADR, IMDG, IATA**	*not regulated*
· **Environmental hazards:**	*Not applicable.*
· **Special precautions for user**	*Not applicable.*
· **Maritime transport in bulk according to IMO instruments**	*Not applicable.*
· **UN "Model Regulation":**	*not regulated*

*
SECTION 15: Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **Poisons Act**

· **Regulated explosives precursors**
None of the ingredients is listed.

(Contd. on page 7)

Safety data sheet
according to UK REACH

Printing date 19.12.2024 Version number 1 Revision: 19.12.2024

Trade name: beko Bau-Silicon »Neutral« farbig

(Contd. of page 6)

· **Regulated poisons**
None of the ingredients is listed.

· **Reportable explosives precursors**
None of the ingredients is listed.

· **Reportable poisons**
None of the ingredients is listed.

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** *None of the ingredients is listed.*

· **National regulations:**
· **VOC (EU)** *3.2 %*
· **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.
H304 May be fatal if swallowed and enters airways.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H330 Fatal if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
EUH071 Corrosive to the respiratory tract.

· **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)
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
Acute Tox. 3: Acute toxicity – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 2: Acute toxicity – Category 2
Skin Corr. 1: Skin corrosion/irritation – Category 1
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
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

· *** Data compared to the previous version altered.**