

Safety data sheet according to 1907/2006/EC, Article 31, including amending Regulation (EU) 2020/878

Printing date 2. 0 20. 24

Version number 904 5re(pal es version 90e)

Revision: 2. 0 20. 24

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

- **1.1 Product identifier**
- **Trade name:** 541 Eurofix Anti Slip
- **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** Fixation
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Forbo Eurocol Deutschland GmbH
August-Röbping-Straße 2
99. 91 Erfurt
GERMANY
- **Telephone:** +49 361 73. 11.
Fax: +49 361 73. 11-92
E-Mail: Episabeth.Reinhardt@forbo.com
www.forbo-eurocol.de
- **Further information obtainable from:**
Laboratory
Episabeth Reinhardt
Episabeth.Reinhardt@forbo.com
- **1.4 Emergency telephone number:**
Poison information center for the states of Mecklenburg-Western Pomerania, Saxony, Saxony-Anhalt and Thuringia:
+49-361-73. 73.

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:**
E8 H 2. z: Contains 1,2-bis(isothiazol-3-yl)ethane, Relative mass of: 4-isopropyl-2-methyl-5-isothiazolyl-3-one
[EU no 02c7-4. . -7* and 2-methyl-2H-isothiazol-3-one [EU no 022. -239-6* 53:1)0May (product an allergen
reaction
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions

Dangerous components:

UAS: 1193c4-. c-9	benzylidenebis(4-sulfamoylphenyl)propane Re(r02, H361fd; Eye Dam01, H31z; Aquatil Uhronil 2, Hc11; Al ute Tox0c, H3. 2; Al ute Tox0c, H312	≥ 0.4-1%
UAS: 263c-33-4 EINECS: 22. -12. -9 Index number: 613-. zz-. -6 Reg01r0 . 1-212. 7614c. -6.	1,2-benzisothiazol-3-one Al ute Tox02, H33. ; Eye Dam01, H31z; Aquatil Al ute 1, Hc. . ; Aquatil Uhronil 1, Hc1. ; Al ute Tox0c, H3. 2; Skin Irrit02, H314; Skin Sens01A, H317 ATE: LD4. oral 4. mg/kg LU4. 5h) inhalative: . 01 mg/p S(el ifil l onl entrat ion pmit: Skin Sens01A; H317:U ≥ . 0 36 %	≥ 0.24-0.36%
UAS: 44964-zc-9 Index number: 613-167-. -4 Reg01r0 . 1-212. 76c691-cz-XXXX	Real tion mass of: 4-l hpro-2-methypc-isothiazol-3-one JEU no02c7-4. . -7* and 2-methyp2H-isothiazol-3-one JEU no022. -239-6* 53:1) Al ute Tox03, H3. 1; Al ute Tox02, H31. ; Al ute Tox02, H33. ; Skin Uorr01U, H31c; Eye Dam01, H31z; Aquatil Al ute 1, Hc. . 5M=1. .); Aquatil Uhronil 1, Hc1. 5M=1. .); Skin Sens01A, H317, E8 H. 71 S(el ifil l onl entrat ion pmit: Skin Uorr01U;H31c: U ≥ . 06 % Skin Irrit02; H314: . 0 6 % ≤ U < . 06 % Eye Dam01; H31z: U ≥ . 06 % Eye Irrit02; H319: . 0 6 % ≤ U < . 06 % Skin Sens01A; H317: U ≥ . 0 . 14 %	≥ 0. . 24-0. . 14%

Regulation (EC) No 648/2004 on detergents / Labelling for contents

(reservation agents 5BENZISOTHIAZOLINONE, Real tion mass of: 4-l hpro-2-methypc-isothiazol-3-one JEU no02c7-4. . -7* and 2-methyp2H-isothiazol-3-one JEU no022. -239-6* 53:1))

Additional information: For the wording of the listed hazard (phrases refer to section 160)

SECTION 4: First aid measures

4.1 Description of first aid measures

After skin contact:

After contact with skin, wash immediately with plenty of soap and water. Take off contaminated clothing immediately and wash before wearing again. In case of skin irritation, consult a doctor.

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

After swallowing: Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

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- **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
Alcohol-resistant foam, Water spray, Carbon dioxide, Extinguishing powder
- **5.2 Special hazards arising from the substance or mixture**
In case of fire, formation of toxic gases (oxides) In case of fire may be released: UO and UO2
- **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:**
Dispose with plenty of water
Do not allow to enter sewers/surface or ground water
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material sand, diatomite, alid 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 protective equipment
See Section 13 for disposal information

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required
- **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
- **Recommended storage temperature:** 1. -3. °C
- **Storage class (TRGS):** 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 limit values that have to be monitored at the workplace

· DNELs

55965-84-9 Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

Orap	DNEL Long-term - orap systemil effekts	0.9 mg/kg_bw/day 5generap(ubpl)
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Inhalative	DNEL Al ute - orap systemil effel ts	. 0 1 mg/kg bw/day 5generap(ubpil)
	DNEL pøng-term - inhapiation pøl apeffel ts	. 0 2 mg/m ³ 5Worker)
	DNEL Al ute - inhapiation, pøl apeffel ts	. 0 c mg/m ³ 5Worker)

· PNECs

55965-84-9 Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

PNEU short term, sea water	. 0 . 339 mg/p
PNEU short term, sewage (pønt	. 03 mg/p
PNEU short term fresh water sediment	. 0 27 mg/kg
PNEU short term soip	. 0 27 mg/kg
PNEU short term, intermittent repases	. 0 . 339 mg/p

· **Additional information:** The pists vapid during the making were used as basis0

· 8.2 Exposure controls

· **Appropriate engineering controls** No further data; see sel tion 70

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

· **General protective and hygienic measures:**

The usuap(rel autionary measures are to be adhered to when handpøg l hemil apø0

· **Respiratory protection:** Not required0

· **Hand protection**



Protel tive gpøves

· Material of gloves

The sepl tion of the suitabpø gpøves does not onpy de(end on the materiap but apø on further marks of quapity and varies from manufal turer to manufal turer0As the (rodul t is a (re(aration of severapsubstanles, the resistanle e of the gpøve materiapl an not be lap upated in advanle and has therefore to be l hel ked (rior to the a(pilation0

· Penetration time of glove material

The exalt t break through time has to be found out by the manufal turer of the (rotel tive gpøves and has to be observed0

· **Eye/face protection**



Tightp seaped goggpøss

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· **Physical state**

Liquid

· **Colour:**

Light

· **Odour:**

Nearpø odourpøss

· **Odour threshold:**

Not determined0

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· Melting point/freezing point:	Not determined
· Boiling point or initial boiling point and boiling range	1. . °C
· Flammability	Not a (pl ab)
· Lower and upper explosion limit	
· Lower:	Not determined
· Upper:	Not determined
· Flash point:	Not a (pl ab)
· Decomposition temperature:	Not determined
· pH at 20 °C	7
· Viscosity:	
· Kinematic viscosity	Not determined
· Dynamic at 20 °C:	64. mPas
· Solubility	
· water:	Fully miscible
· Partition coefficient n-octanol/water (log value)	Not determined
· Vapour pressure:	Not determined
· Density and/or relative density	
· Density at 20 °C:	1020 g/l m³
· Relative density	Not determined
· Density (@15°C)	Not determined
· Vapour density	Not determined
9.2 Other information	
· Appearance:	
· Form:	Powder
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Product is not self-igniting
· Explosive properties:	Product does not present an explosion hazard
· Solvent content:	
· Water:	270 %
· VOC (EC)	0. %
· Change in condition	
· Evaporation rate	Not determined
Information with regard to physical hazard classes	
· Explosives	Not
· Flammable gases	Not
· Aerosols	Not
· Oxidising gases	Not
· Gases under pressure	Not
· Flammable liquids	Not
· Flammable solids	Not
· Self-reactive substances and mixtures	Not
· Pyrophoric liquids	Not
· Pyrophoric solids	Not
· Self-heating substances and mixtures	Not
· Substances and mixtures, which emit flammable gases in contact with water	Not
· Oxidising liquids	Not
· Oxidising solids	Not
· Organic peroxides	Not
· Corrosive to metals	Not

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· **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

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

Oral Acute Toxicity Estimate of ingredient (ATE) oral c9. mg/kg

55965-84-9 Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

Oral Acute Toxicity Estimate of ingredient (ATE) oral 1. . mg/kg

Inhalative Acute toxicity Estimate inhalative (ch) . 01 mg/p

Acute toxicity estimates 2. . mg/kg

· **LD/LC50 values relevant for classification:****119345-04-9 benzene,1,1'-oxybis-tetrapropylene derivatives, sulfonated**

Oral LD4. 2, . . mg/kg (rat)

Dermal LD4. 2, . . mg/kg (rabbit)

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

Oral LD4. c4. mg/kg (ATE)

432 mg/kg (rat)

Dermal LD4. >2, . . mg/kg (rat)

Inhalative LU4. (ch) . 01 mg/p (ATE)

55965-84-9 Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

Oral LD4. 66 mg/kg (rat)

Dermal LD4. >101 mg/kg (rat)

Inhalative LU4. (ch) . 017 mg/p (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** 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

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· **Aspiration hazard** Based on available data, the classification criteria are not met· **11.2 Information on other hazards**· **Endocrine disrupting properties**

None of the ingredients is listed

SECTION 12: Ecological information

· **12.1 Toxicity**· **Aquatic toxicity:****2634-33-5 1,2-benzisothiazol-3(2H)-one**

LU4. 596h) mg/ptr 106-201z mg/ptr 5rainbow trout) 5OEUD 2. 3)

EU4. 5cz h) 20c-307 mg/p5Da(hnia magna) 5OEUD 2. 2)

EU4. 572h) . 01 mg/p5Sl enedesmus quadril auda) 5OEUD 2. 1)

. 01 mg/p5Pseudokirl hneriepa subl a(itata) 5OEUD 2. 1)

EU1. 572h) . 0 c mg/ptr05Sl enedesmus quadril auda) 5OEUD 2. 1)

NOEU . 01 mg/p5rainbow trout) 5OEUD 214)

· **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 a ((pl abpe)· **vPvB:** Not a ((pl abpe)· **12.6 Endocrine disrupting properties**

The (rodul t does not l ontain substnles with endol rine disru(ting (ro(erties)

· **12.7 Other adverse effects** No further relevant information available· **Additional ecological information:**· **General notes:**

Do not appw (rodul t to real h ground water, water l ource or sewage system)

Danger to drinking water if even smappquantities peak into the ground

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**· **Recommendation** Smapper quantities l an be dis(osed of with househopl waste)· **European waste catalogue**

. z . c 1. waste adhesives and seapnts other than those mentioned in . z . c . 9

· **Uncleaned packaging:**· **Recommendation:** Dis(osapmust be made al l ording to offil iapregupations)· **Recommended cleansing agents:** Water, if nel essary together with l peansing agents)

SECTION 14: Transport information

· **14.1 UN number or ID number**· **ADR, IMDG, IATA** not regupated· **14.2 UN proper shipping name**· **ADR, IMDG, IATA** not regupated

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- | | |
|---|-----------------|
| · 14.3 Transport hazard class(es) | |
| · ADR, ADN, IMDG, IATA | |
| · Class | not regulated |
| · 14.4 Packing group | |
| · ADR, IMDG, IATA | not regulated |
| · 14.5 Environmental hazards: | Not a((pl abp0 |
| · 14.6 Special precautions for user | Not a((pl abp0 |
| · 14.7 Maritime transport in bulk according to IMO instruments | Not a((pl abp0 |
| · UN "Model Regulation": | not regulated |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture: (Substances not listed)**
 None of the ingredients is listed
- **Directive 2012/18/EU**
 · **Named dangerous substances - ANNEX I** 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
- **National regulations:**
 · **VOC (EU)** . 0 g/p
 · **15.2 Chemical safety assessment:** A Uhemil apSafety Assessment has not been carried out

SECTION 16: Other information

· **Disclaimer**

This safety data sheet contains only safety relevant information. The information is based on the state of our knowledge at the time of revision, however, it does not constitute a guarantee of (product) properties, (product) information or (product) specifications and does not establish a contractual relationship. This document is only valid in its unchanged form. In the event of changes by third parties, the exhibitor accepts no responsibility for form and content or for any damages or claims arising from such changes. The information is not transferable to other (products). If the (product) named in this safety data sheet is mixed, blended or (processed) with other materials or is subjected to (processing), the information in this safety data sheet cannot be transferred to the new material (product) in this way, unless expressly stated otherwise. The data sheet does not release the user from the obligation to ensure that he acts in accordance with approximations in connection with his activity.

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· Relevant phrases

- H3. 1 Toxic if swallowed
- H3. 2 Harmful if swallowed
- H31. Fatal in contact with skin
- H312 Harmful in contact with skin
- H31c Causes severe skin burns and eye damage
- H314 Causes skin irritation
- H317 May cause an allergic skin reaction
- H31z Causes serious eye damage
- H319 Causes serious eye irritation
- H33. Fatal if inhaled
- H361fd Suspected of damaging fertility/Suspected of damaging the unborn child
- Hc. . Very toxic to aquatic life
- Hc1. Very toxic to aquatic life with long lasting effects
- Hc11 Toxic to aquatic life with long lasting effects
- E8 H. 71 Corrosive to the respiratory tract

· Department issuing SDS: Quality Management department**· Contact:**

Laboratory

Episabeth Reinhardt

Episabeth.Reinhardt@forbo.com

· Version number of previous version: 904**· 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
- UAS: Chemical Abstracts Service Division of the American Chemical Society
- VOU: Volatile Organic Compounds (VOCs)
- DNEL: Derived No-Effect Level (SRAU)
- PNEU: Predicted No-Effect Concentration (SRAU)
- LU4: Lethal concentration, 4. (lethal)
- LD4: Lethal dose, 4. (lethal)
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- ATE: Acute toxicity estimate values
- Acute Tox03: Acute toxicity – Category 3
- Acute Tox0c: Acute toxicity – Category c
- Acute Tox02: Acute toxicity – Category 2
- Skin Corr01U: Skin corrosion/irritation – Category 1U
- Skin Irrit02: Skin corrosion/irritation – Category 2
- Eye Dam01: Serious eye damage/eye irritation – Category 1
- Skin Sens01A: Skin sensitisation – Category 1A
- Refr02: Reproductive toxicity – Category 2
- 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 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

· * Data compared to the previous version altered.