

## Safety data sheet in accordance with 1907/2006/EC, Article 31, including Amendment Regulation (EU) 2020/878

Print date: 20 February  
2025

Version number 9.5 (replaces version 9.4)

Revised on: 20 February 2025

### SECTION 1: Identification of the substance or mixture and of the company

#### · 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.

· Use of the substance/mixture Fixation

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

##### · Manufacturer/supplier:

Forbo Eurocol Deutschland GmbH  
August-Röbling-Straße 2  
99091 Erfurt  
GERMANY

Tel.: +49 361 730 41 0

Fax:

Email: Elisabeth.Reinhardt@forbo.com

www.forbo-eurocol.de

##### · Department providing information:

Laboratory

Elisabeth Reinhardt

Elisabeth.Reinhardt@forbo.com

##### · 1.4 Emergency number:

Joint Poison Information Centre for the states of Mecklenburg-Western Pomerania, Saxony, Saxony-Anhalt and Thuringia:

+49-361-730730

Poison Information Centre VIZ +43 1

406 43 43

### SECTION 2: Possible hazards

#### · 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 Labelling elements

##### · Labelling according to Regulation (EC) No. 1272/2008 Not applicable

· Hazard pictograms Not applicable

· Signal word Not applicable

· Hazard statements Not applicable

##### · Additional information:

EUH 208: Contains 1,2-benzisothiazol-3(2H)-one, 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). May cause allergic reactions.

#### · 2.3 Other hazards

##### · Results of PBT and vPvB assessment

· PBT: Not applicable.

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





· vPvB: Not applicable.

### SECTION 3: Composition/information on ingredients

#### · 3.2 Mixtures

· **Description:** Mixture of the substances listed below with non-hazardous admixtures.

#### · Hazardous ingredients:

CAS: 119345-04-9	benzene, 1,1'-oxybis-tetrapropylene derivatives, sulfonated  Repr. 2, H361fd;  Eye Dam. 1, H318;  Aquatic Chronic 2, H411;  Acute Tox. 4, H302; Acute Tox. 4, H312	≥0.25-<1%
CAS: 2634-33-5 EINECS: 220-120-9 Reg. No.: 01-2120761540-60	1,2-benzisothiazol-3(2H)-one  Acute Tox. 2, H330;  Eye Dam. 1, H318;  Aquatic Acute 1, H400; Aquatic Chronic 1, H410;  Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1A, H317 ATE: LD50 oral: 450 mg/kg LC50 (4h) inhalation: 0.21 mg/l Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.036%	≥0.025-<0.036%
CAS: 55965-84-9 Reg. no.: 01-2120764691-48-XXXX	Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one one [EC No. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No. 220-239-6] (3:1)  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 Specific concentration limits: Skin Corr. 1C; H314: C ≥ 0.6% Skin Irrit. 2; H315: 0.06% ≤ C < 0.6% Eye Dam. 1; H318: C ≥ 0.6% Eye Irrit. 2; H319: 0.06% ≤ C < 0.6% Skin Sens. 1A; H317: C ≥ 0.0015%	≥0.00025-<0.0015%

#### · Regulation (EC) No. 648/2004 on detergents / Labelling of ingredients

Preservatives (BENZISOTHIAZOLINONE, 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))

· Additional information: The wording of the hazard statements listed can be found in Section 16.

### SECTION 4: First aid measures

#### · 4.1 Description of first aid measures

##### · After skin contact:

In case of contact with skin, wash immediately with plenty of soap and water. Remove all contaminated clothing immediately and wash before reuse. If skin irritation occurs, consult a doctor.

· **After eye contact:** Rinse eyes with running water for several minutes, keeping eyelids open.

· **After swallowing:** Do not induce vomiting, seek medical assistance immediately.

##### · 4.2 Most important acute and delayed symptoms and effects

No further relevant information available.

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- **4.3 Indication of any immediate medical attention or special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing media:**  
Adapt firefighting measures to the surroundings.  
Alcohol-resistant foam. Water spray. Carbon dioxide. Dry powder.
- **5.2 Special hazards arising from the substance or mixture**  
In case of fire, toxic gases may be formed. In case of fire, the following may be released: CO and CO<sub>2</sub>
- **5.3 Firefighting information**
- **Special 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:**  
Dilute with plenty of water.  
Do not allow to enter drains/surface water/groundwater.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomaceous earth, acid binder, universal binder, sawdust).
- **6.4 Reference to other sections**  
For information on safe handling, see Section 7. For information on personal protective equipment, see Section 8. For information on disposal, see Section 13.

### SECTION 7: Handling and storage

- **7.1 Protective measures for safe handling** No special measures required.
- **Fire and explosion protection information:** No special measures required.
- **7.2 Conditions for safe storage, taking into account incompatibilities**
- **Storage:**
- **Requirements for storage rooms and containers:** No special requirements.
- **Information on storage together with other substances:** Not required.
- **Further information on storage conditions:** None.
- **Recommended storage temperature:** 10-30°C
- **Storage class (TRGS):** 12
- **Classification according to the German Industrial Safety Regulation (BetrSichV):** -
- **7.3 Specific end uses** No further relevant information available.

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## SECTION 8: Exposure controls/personal protection

### · 8.1 Parameters to be monitored

#### · Components with workplace-related limit values to be monitored:

MAK see Sections IIb and Xc

**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)**

MAK Long-term value: 0.2E mg/m<sup>3</sup>  
See section Xc

#### · DNEL values

**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)**

Oral	DNEL Long-term - oral, systemic effects	0.09 mg/kg bw/day (population)
	DNEL Acute - oral, systemic effects	0.11 mg/kg bw/day (population)
Inhalation	DNEL long-term - inhalation local effects	0.02 mg/m <sup>3</sup> (workers)
		0.02 mg/m <sup>3</sup> (population)
	DNEL Acute - inhalation, local effects	0.04 mg/m <sup>3</sup> (workers) 0.04 mg/m <sup>3</sup> (population)

#### · PNEC values

**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)**

PNEC short-term, seawater	0.00339 mg/l
PNEC short-term, sewage treatment	0.23 mg/l
plant PNEC short-term, freshwater	0.027 mg/kg
sediment PNEC short-term, soil	0.027 mg/kg
PNEC short-term, intermittent releases	0.00339 mg/l

· **Additional information:** The lists valid at the time of compilation served as a basis.

### · 8.2 Exposure controls and monitoring

· **Suitable technical control devices** No further information, see Section 7.

· **Individual protective measures, e.g. personal protective equipment**

· **General protective and hygiene measures:**

The usual precautions for handling chemicals must be observed.

· **Respiratory protection** Not required.

· **Hand protection**



Protective gloves

#### · **Glove material**

The selection of a suitable glove depends not only on the material, but also on other quality characteristics and varies from manufacturer to manufacturer. Since the product is a preparation of several substances, the resistance of glove materials cannot be predicted and must therefore be checked before use.

#### · **Penetration time of the glove material**

The exact breakthrough time must be obtained from the protective glove manufacturer and adhered to.

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· Eye/face protection



Tight-fitting safety goggles

## SECTION 9: Physical and chemical properties

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

#### · General information

· Physical state	Liquid
· Colour	Faint
· Odour	Almost odourless
· Odour threshold:	Not determined.
· Melting point/freezing point:	Not determined.
· Boiling point or initial boiling point and boiling range	100 °C
· Flammability	Not applicable.
· Lower and upper explosion limits	
· Lower:	Not determined.
Upper:	Not determined.
· Flash point:	Not applicable.
· Decomposition temperature:	Not determined.
· pH value at 20 °C:	8.5
· Viscosity:	
· Kinematic viscosity	Not determined.
· Viscosity at 25 °C:	
· Dynamic at 20 °C:	650 mPas
· Solubility	
· Water:	Completely miscible.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure:	Not determined.
· Density and/or relative density	
· Density at 20 °C:	1.02 g/cm <sup>3</sup>
· Relative density	Not determined.
· Density (15 °C)	Not determined.
· Vapour density	Not determined.

### · 9.2 Other information

· Appearance:	
· Form:	Liquid
· Important health, safety and environmental information	
· Ignition temperature:	The product is not self-igniting.
· Explosive properties:	The product is not explosive.
· Solvent content:	
· Water:	27.7%
· VOC (EU)	0.00
· Change of state	
· Evaporation rate	Not determined.

### · Information on physical hazard classes

· Explosive substances/mixtures and products containing explosives applicable	Not
· Flammable gases	Not applicable

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· <b>Aerosols</b>	Not applicable
· <b>Oxidising gases</b>	Not applicable
· <b>Gases under pressure</b>	Not applicable
· <b>Flammable liquids</b>	Not applicable
· <b>Flammable solids</b>	Not applicable
· <b>Self-decomposing substances and mixtures</b>	Not applicable
· <b>Pyrophoric liquids</b>	Not applicable
· <b>Pyrophoric solids</b>	Not applicable
· <b>Self-heating substances and mixtures</b>	Not applicable
· <b>Substances and mixtures which, in contact with water, emit flammable gases</b>	Not applicable
· <b>Oxidising liquids</b>	Not applicable
· <b>Oxidising solids</b>	Not applicable
· <b>Organic peroxides</b>	Not applicable
· <b>Substances and mixtures that are corrosive to metals</b>	Not applicable
· <b>Desensitised substances/mixtures and products with explosives</b>	Not applicable

### 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 as intended.
- **10.3 Possibility of hazardous reactions** No hazardous 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 hazardous decomposition products known.

### SECTION 11: Toxicological information

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

Oral	Acute Toxicity Estimate of ingredient (ATE) oral	490 mg/kg
<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>		
Oral	Acute toxicity estimate of ingredient (ATE) oral	100 mg/kg
Inhalation	Acute toxicity estimate inhalation (4h) Estimated acute toxicity values	0.31 mg/l 200 mg/kg
· <b>Classification-relevant LD/LC50 values:</b>		
<b>119345-04-9 benzene, 1,1'-oxybis-tetrapropylene derivatives, sulfonated</b>		
Oral	LD50	2,000 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rabbit)
Oral	LD	450 mg/kg (ATE)

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Dermal	LD50 LC50	532 mg/kg (rat)
Inhalation	(4h)	>2,000 mg/kg (rat)
		0.21 mg/l (ATE)
<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>		
Oral	LD	66 mg/kg (rat)
Dermal	LD50 LC50	>141 mg/kg (rat)
Inhalation	(4h)	0.17 mg/l (rat)

- **Primary irritant effect:**
- **Corrosive/irritant effect on the skin** Based on the available data, the classification criteria are not met.
- **Serious eye damage/irritation**  
Based on the available data, the classification criteria are not met.
- **Respiratory/skin sensitisation**  
Based on the available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on the available data, the classification criteria are not met.
- **Carcinogenicity** Based on the available data, the classification criteria are not met.
- **Reproductive toxicity** Based on the available data, the classification criteria are not met.
- **Specific target organ toxicity after single exposure**  
Based on the available data, the classification criteria are not met.
- **Specific target organ toxicity after repeated exposure**  
Based on the available data, the classification criteria are not met.
- **Aspiration hazard** Based on the available data, the classification criteria are not met.
- **11.2 Information on other hazards**
- **Endocrine-disrupting properties**  
None of the ingredients are included.

## SECTION 12: Environmental information

### • 12.1 Toxicity

#### • Aquatic toxicity:

LC50 (96h) mg/ltr.	1.6-2.18 mg/ltr (rainbow trout) (OECD 203)
EC50 (48h)	2.94-3.27 mg/l (Daphnia magna) (OECD 202)
EC50 (72h)	0.11 mg/l (Scenedesmus quadricauda) (OECD 201)
	0.11 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
EC10 (72h)	0.04 mg/l (Scenedesmus quadricauda) (OECD 201)
NOEC	0.21 mg/l (rainbow trout) (OECD 215)

- **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 any substances with endocrine-disrupting properties.
- **12.7 Other adverse effects** No further relevant information available.
- **Further ecological information:**
- **General information:**  
Do not allow to enter groundwater, waterways or the sewage system.

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**SECTION 13: Disposal considerations**

## · 13.1 Waste treatment methods

· ~~Recommendation:~~ Small quantities can be disposed of together with household waste.  
· ~~European Waste Catalogue~~

08 04 10	Waste adhesives and sealants other than those mentioned in 08 04 09
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## · Untreated packaging:

· Recommendation: Disposal in accordance with official regulations.

· Recommended cleaning agent: Water, with the addition of cleaning agents if necessary.

**SECTION 14: Transport information**

## · 14.1 UN number or ID number

· ADR, IMDG, IATA

Not applicable

## · 14.2 Proper UN shipping name

· ADR, IMDG, IATA

Not applicable

## · 14.3 Transport hazard classes

· ADR, ADN, IMDG, IATA

· Class

Not applicable

## · 14.4 Packaging group

· ADR, IMDG, IATA

Not applicable

## · 14.5 Environmental hazards:

Not applicable.

## · 14.6 Special precautions for the users

Not applicable.

## · 14.7 Transport in bulk by sea in accordance with IMO instruments

Not applicable.

## · UN Model Regulation:

Not applicable

**SECTION 15: Regulatory information**

## · 15.1 Safety, health and environmental regulations/specific legislation for the substance or mixture: (No substances are contained)

None of the ingredients are included.

## · Directive 2012/18/EU

· Specified hazardous substances - ANNEX I None of the ingredients are included.

## · REGULATION (EU) 2019/1148

## · Annex I - RESTRICTED EXPLOSIVE PRECURSORS ( Upper concentration limit for authorisation under Article 5(3))

None of the ingredients are included.

## · Annex II - EXPLOSIVE PRECURSORS SUBJECT TO NOTIFICATION

None of the ingredients are included.

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

None of the ingredients are included.

• **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 are included.

• **National regulations:**

- **Water hazard class:** WGK 2 (self-assessment): clearly hazardous to water.
- **VOC (EU)** 0.0 g/l
- **15.2 Chemical safety assessment:** A chemical safety assessment has not been carried out.

## SECTION 16: Other information

• **Disclaimer**

This safety data sheet contains only safety-related information. The information is based on our knowledge at the time of revision, but does not constitute a guarantee of product properties, product information or product specifications and does not establish a contractual legal relationship. This document is only valid in its unaltered form. The issuer accepts no responsibility for changes made by third parties to the form and content of this document or for any damage or claims arising therefrom. The information is not transferable to other products. If the product mentioned in this safety data sheet is mixed, blended or processed with other materials or subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless expressly stated otherwise. The data sheet does not release the user from the obligation to ensure that they act in accordance with all regulations relating to their activity.

• **Relevant phrases**

H301 Toxic if swallowed.  
H302 Harmful if swallowed. H310 Fatal if in contact with skin.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and serious eye damage. H315 Causes skin irritation.  
H317 May cause allergic skin reactions. H318 Causes serious eye damage.  
H319 Causes serious eye irritation. H330 Fatal if inhaled.  
H361fd May damage fertility. May damage the unborn child.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long-lasting effects. H411 Toxic to aquatic life with long-lasting effects.  
EUH071 Causes burns to the respiratory tract.

• **Data sheet issued by:** Quality Management

• **Contact**

Laboratory  
Elisabeth Reinhardt  
Elisabeth.Reinhardt@forbo.com

• **Version number of previous version:** 9.4

• **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

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*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) VOC:*

*Volatile Organic Compounds (USA, EU)*

*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 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. 1A:*

*Skin sensitisation – Category 1A*

*Repr. 2: Reproductive toxicity – Category 2*

*Aquatic Acute 1: Hazardous to water – acutely hazardous to water – Category 1*

*Aquatic Chronic 1: Hazardous to water – long-term hazardous to water – Category 1 Aquatic Chronic*

*2: Hazardous to water – long-term hazardous to water – Category 2*

• **\* Data changed compared to previous version**