

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.08.2023

Version number 3 (replaces version 2)

Revision: 08.08.2023

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

**1.1 Product identifier****Trade name: 301 BaseSealer****Article number: 301****UFI: DUT0-X057-T00W-SG64****1.2 Relevant identified uses of the substance or mixture and uses advised against***No further relevant information available.***Application of the substance / preparation Primer****1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:***Forbo Eurocol Nederland B.V.**Industrieweg 1-2**NL-1521 NA Wormerveer Holland**Tel. +31 75 6271600 - Fax +31 75 6283564**E-mail address: info.eurocol@forbo.com**Website: www.eurocol.com***1.4 Emergency telephone number:***In case of emergency please contact the Dutch National Poison Control, telephone number: 0031-(0)88-755 8000 (This number is only accessible to the physician treating the patient and only in case of accidental poisoning).*

### SECTION 2: Hazards identification

**2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008***Skin Sens. 1 H317 May cause an allergic skin reaction.***2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008***The product is classified and labelled according to the GB CLP regulation.***Hazard pictograms**

GHS07

**Signal word** *Warning***Hazard-determining components of labelling:***2-methyl-2H-isothiazol-3-one**mixture 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)**1,2-benzisothiazol-3(2H)-one*

(Contd. on page 2)

GB

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Trade name: **301 BaseSealer**

(Contd. of page 1)

**Hazard statements**

H317 May cause an allergic skin reaction.

**Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves.

P302+P352 IF ON SKIN: Wash with plenty of water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

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

**2.3 Other hazards****Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

**Determination of endocrine-disrupting properties**

The product does not contain substances with endocrine disrupting properties.

## SECTION 3: Composition/information on ingredients

**3.2 Mixtures**

Description: Aqueous plastic dispersion

**Dangerous components:**

CAS: 2634-33-5 EINECS: 220-120-9	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. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05 %	<1%
CAS: 2682-20-4 EINECS: 220-239-6	2-methyl-2H-isothiazol-3-one ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 1, H330; ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 2, H411; ⚠ Skin Sens. 1A, H317, EUH071 Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.0015 %	<1%
CAS: 55965-84-9	mixture 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) ⚠ 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 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 %	<1%
CAS: 112-34-5 EINECS: 203-961-6	2-(2-butoxyethoxy)ethanol ⚠ Eye Irrit. 2, H319	>1-5%
CAS: 141-43-5 EINECS: 205-483-3	2-aminoethanol ⚠ Skin Corr. 1B, H314; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332 Specific concentration limit: STOT SE 3; H335: C ≥ 5 %	<1%

(Contd. on page 3)

## Safety data sheet

### according to 1907/2006/EC, Article 31

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Version number 3 (replaces version 2)

Revision: 08.08.2023

Trade name: **301 BaseSealer**

(Contd. of page 2)

· **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:

*In case of doubt or if symptoms persist call a doctor.*

*Immediately remove any clothing soiled by the product.*

###### · After inhalation:

*Supply fresh air or oxygen; call for doctor.*

*In case of unconsciousness place patient stably in side/recovery position for transportation.*

###### · After skin contact: Wash immediately with water and soap and rinse thoroughly.

###### · After eye contact:

*Rinse opened eye for several minutes under running water. If symptoms persist, consult a physician.*

###### · After swallowing: Seek medical treatment.

##### · 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:

*CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.*

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

*In case of fire, the following can be released:*

*Carbon monoxide (CO)*

*Under certain fire conditions, traces of other toxic gases cannot be excluded.*

##### · 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

*Particular danger of slipping on leaked/spilled product.*

##### · 6.2 Environmental precautions:

*Dilute with plenty of water.*

*Do not allow to penetrate the ground/soil.*

##### · 6.3 Methods and material for containment and cleaning up:

*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.*

GB

(Contd. on page 4)

# Safety data sheet

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Version number 3 (replaces version 2)

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Trade name: **301 BaseSealer**

(Contd. of page 3)

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
*Ensure good ventilation/exhaustion at the workplace.*  
*Prevent formation of aerosols.*
- **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:** *Store in a cool, but frost-proof location.*
- **Information about storage in one common storage facility:** *Not required.*
- **Further information about storage conditions:**  
*Recommended storage temperature between 15 and 25 °C.*
- **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:**

#### **112-34-5 2-(2-butoxyethoxy)ethanol**

WEL Short-term value: 101.2 mg/m<sup>3</sup>, 15 ppm  
 Long-term value: 67.5 mg/m<sup>3</sup>, 10 ppm

#### **141-43-5 2-aminoethanol**

WEL Short-term value: 7.6 mg/m<sup>3</sup>, 3 ppm  
 Long-term value: 2.5 mg/m<sup>3</sup>, 1 ppm  
 Sk

- **Additional information:** *The lists valid during manufacture were used as basis.*
- **8.2 Exposure controls**
- **Appropriate engineering controls** *No further data; see item 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.*  
*Use skin protection cream for skin protection.*  
*Wash hands before breaks and at the end of work.*
- **Respiratory protection:**  
*In case of insufficient ventilation / spraying: respiratory protection device with particle filter P2.*
- **Hand protection**



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

*Protective gloves and protective skin cream*

*Selection of the glove material is dependant on the penetration times, rates of diffusion and degradation.*

- **Material of gloves**

*The selection of suitable gloves does not only depend on the material, but also on further aspects 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.*

(Contd. on page 5)

## Safety data sheet

### according to 1907/2006/EC, Article 31

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Version number 3 (replaces version 2)

Revision: 08.08.2023

Trade name: **301 BaseSealer**

(Contd. of page 4)

*Nitrile rubber*

- **Penetration time of glove material**

*The exact break through time has to be established by the manufacturer of the protective gloves and has to be observed.*

*The determined penetration times according to EN 16523-1:2015 were not determined under field conditions.*

*A maximum wear time is therefore recommended corresponding to 50% of the stated penetration time.*

- **Eye/face protection** *Tightly sealed goggles by risk of splashing.*

## SECTION 9: Physical and chemical properties

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

- **General Information**

· <b>Colour:</b>	<i>Colourless</i>
· <b>Odour:</b>	<i>Weak, characteristic</i>
· <b>Odour threshold:</b>	<i>Not determined.</i>
· <b>Melting point/freezing point:</b>	<i>Undetermined.</i>
· <b>Boiling point or initial boiling point and boiling range</b>	<i>Undetermined.</i>
· <b>Flammability</b>	<i>Not applicable.</i>
· <b>Lower and upper explosion limit</b>	
· <b>Lower:</b>	<i>Not determined.</i>
· <b>Upper:</b>	<i>Not determined.</i>
· <b>Flash point:</b>	<i>Not applicable.</i>
· <b>Decomposition temperature:</b>	<i>Not determined.</i>
· <b>pH at 20 °C</b>	<i>9</i>
· <b>Viscosity:</b>	
· <b>Kinematic viscosity</b>	<i>Not determined.</i>
· <b>Dynamic at 20 °C:</b>	<i>2,500 mPas</i>
· <b>Solubility</b>	
· <b>water:</b>	<i>Fully miscible.</i>
· <b>Partition coefficient n-octanol/water (log value)</b>	<i>Not determined.</i>
· <b>Vapour pressure:</b>	<i>Not determined.</i>
· <b>Density and/or relative density</b>	
· <b>Density at 20 °C:</b>	<i>1.03 g/cm<sup>3</sup></i>
· <b>Relative density</b>	<i>Not determined.</i>
· <b>Vapour density</b>	<i>Not determined.</i>
· <b>Particle characteristics</b>	<i>Not applicable.</i>

- **9.2 Other information**

- **Appearance:**

- **Form:** *Fluid*

- **Important information on protection of health and environment, and on safety.**

- **Auto-ignition temperature:** *Product is not self-igniting.*

- **Explosive properties:** *Product does not present an explosion hazard.*

- **Solvent separation test:** *<3 %*

- **Change in condition**

- **Evaporation rate** *Not determined.*

(Contd. on page 6)

## Safety data sheet

### according to 1907/2006/EC, Article 31

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Version number 3 (replaces version 2)

Revision: 08.08.2023

Trade name: **301 BaseSealer**

(Contd. of page 5)

#### · 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

- **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.*
- **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**  
*May cause an allergic skin reaction.*
- **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.*

(Contd. on page 7)

## Safety data sheet

### according to 1907/2006/EC, Article 31

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Revision: 08.08.2023

Trade name: **301 BaseSealer**

(Contd. of page 6)

#### · 11.2 Information on other hazards

##### · Endocrine disrupting properties

*None of the ingredients is listed.*

## 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 discharge into ground water, in surface water or in the sewer system.*

## SECTION 13: Disposal considerations

#### · 13.1 Waste treatment methods

##### · Recommendation

*Liquid material remains are to be disposed of at collection facilities for old varnishes.*

*Hardened material can be disposed of as building rubble.*

*The give refuse codes are recommendations based upon the intended use of the product. Because of special use and disposal conditions at the user's, other codes may apply under other conditions.*

##### · Uncleaned packaging:

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

· **Recommended cleansing agents:** *Warm water, if necessary together with cleansing agents.*

## SECTION 14: Transport information

#### · 14.1 UN number or ID number

· **ADR, ADN, IMDG, IATA** *Void*

#### · 14.2 UN proper shipping name

· **ADR** *Void*

· **ADN, IMDG, IATA** *Void*

#### · 14.3 Transport hazard class(es)

· **ADR, ADN, IMDG, IATA**

· **Class** *Void*

(Contd. on page 8)

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Trade name: **301 BaseSealer**

(Contd. of page 7)

- |  |                 |
|--|-----------------|
| · 14.4 Packing group<br>· ADR, IMDG, IATA                      | Void            |
| · 14.5 Environmental hazards:                                  | Not applicable. |
| · 14.6 Special precautions for user                            | Not applicable. |
| · 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |
| · UN "Model Regulation":                                       | Void            |

### 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*
- 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.*
- National regulations:
- Technical instructions (air):
 

Class	Share in %
NK	2.3
- Waterhazard class: *Generally not hazardous for water.*
- 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.*

(Contd. on page 9)

## Safety data sheet

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Trade name: **301 BaseSealer**

(Contd. of page 8)

· **Relevant phrases**

H301 Toxic if swallowed.  
 H302 Harmful if swallowed.  
 H310 Fatal in contact with skin.  
 H311 Toxic in contact with skin.  
 H312 Harmful 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.  
 H332 Harmful if inhaled.  
 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 Corrosive to the respiratory tract.

· **Department issuing SDS:** R&D department

· **Contact:** Ing. T.W. Breeuwer

· **Date of previous version:** 28.11.2022

· **Version number of previous version:** 2

· **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)

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. 1: Acute toxicity – Category 1

Acute Tox. 2: Acute toxicity – Category 2

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

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

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

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

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

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