

## Safety data sheet

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

Printing date 27.11.2023



Version number 5 (replaces version 4)

Revision: 27.11.2023

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

- **1.1 Product identifier**
- Trade name: **711 Uniflex**
- **Article number:** 711
- **UFI:** 72Y1-F050-D00T-0F3K
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
*No further relevant information available.*
- **Application of the substance / preparation** *Tile adhesive*
- **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 6271620  
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 Irrit. 2 H315 Causes skin irritation.  
Eye Dam. 1 H318 Causes serious eye damage.  
Skin Sens. 1 H317 May cause an allergic skin reaction.  
STOT SE 3 H335 May cause respiratory irritation.*
- **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**
-  
- GHS05 GHS07
- **Signal word** *Danger*
- **Hazard-determining components of labelling:**  
*Portland cement clinker*
- **Hazard statements**  
*H315 Causes skin irritation.  
H318 Causes serious eye damage.*

(Contd. on page 2)

GB

## Safety data sheet

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

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Version number 5 (replaces version 4)

Revision: 27.11.2023

Trade name: **711 Uniflex**

(Contd. of page 1)

*H317 May cause an allergic skin reaction.**H335 May cause respiratory irritation.***· Precautionary statements***P101 If medical advice is needed, have product container or label at hand.**P102 Keep out of reach of children.**P261 Avoid breathing dust.**P280 Wear protective gloves.**P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.**P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**P404 Store in a closed container.**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:** *Mixture of cement, fillers and additives.***· Dangerous components:**

CAS: 65997-15-1 EINECS: 266-043-4	Portland cement clinker ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	>25-50%
CAS: 544-17-2 EINECS: 208-863-7	calcium diformate ⚠ Eye Dam. 1, H318	>1-5%

**· 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****· After inhalation:***In case of unconsciousness place patient stably in side/recovery position for transportation.***· After skin contact:***Immediately remove contaminated clothing, wash with water and soap and rinse thoroughly.***· After eye contact:** *Rinse opened eye for several minutes under running water. Then consult a doctor.***· After swallowing:** *Rinse mouth with water and then drink plenty of water, consult physician immediately.***· Information for doctor:** *Product reacts with moisture into alkaline mixture.***· 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:** *Not applicable.***· 5.2 Special hazards arising from the substance or mixture** *No further relevant information available.*

(Contd. on page 3)

## Safety data sheet

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

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Trade name: **711 Uniflex**

(Contd. of page 2)

- **5.3 Advice for firefighters**
- **Protective equipment:** *No special measures required.*
- **Additional information** *Product itself does not burn.*

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
*Avoid formation of dust. Avoid contact with eyes and skin.*
- **6.2 Environmental precautions:** *Do not allow to enter sewers/ surface or ground water.*
- **6.3 Methods and material for containment and cleaning up:**  
*Pick up mechanically, dry vacuum powder.*
- **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**  
*Ensure sufficient ventilation and avoid formation of dust. Do not inhale dust. Avoid contact with eyes and skin.*
- **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:** *Store in cool, dry conditions in well sealed packaging.*
- **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:**

#### 65997-15-1 Portland cement clinker

WEL	Long-term value: 10* 4** mg/m <sup>3</sup> *inhalable dust **respirable dust
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#### 9004-34-6 Cellulose

WEL	Short-term value: 20* mg/m <sup>3</sup> Long-term value: 10* 4** mg/m <sup>3</sup> *inhalable dust **respirable
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- **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.*  
*Wash hands before breaks and at the end of work.*  
*Avoid contact with the eyes and skin.*  
*Do not inhale dust.*

(Contd. on page 4)

## Safety data sheet

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

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Version number 5 (replaces version 4)

Revision: 27.11.2023

Trade name: **711 Uniflex**

(Contd. of page 3)

- **Respiratory protection:**  
*Use suitable respiratory protective device (filter P2) in case of insufficient ventilation.*
- **Hand protection**



Protective gloves

*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material is dependant on the penetration times, rates of diffusion and degradation.*

- **Material of gloves**  
*Use chemical resistant gloves classified under EN374. Examples of preferred glove materials that form a barrier: butyl rubber or chloroprene rubber. If prolonged or repeated contact can occur, gloves with a protection class of 6 (breakthrough time greater than 480 minutes) are recommended according to EN 374. Ask your glove supplier to advise you on the right type and thickness.*
- **Penetration time of glove material**  $\geq$  480 Minutes
- **For prolonged contact gloves made of the following materials are suitable:**  
*Chloroprene and butylrubber.*
- **Eye/face protection**



Tightly sealed goggles

- **Body protection:** *Protective work clothing*

## SECTION 9: Physical and chemical properties

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

#### · General Information

- **Colour:** *White*
- **Odour:** *Characteristic*
- **Melting point/freezing point:** *Undetermined.*
- **Boiling point or initial boiling point and boiling range** *Undetermined.*
- **Flash point:** *Not applicable.*
- **pH (4000 g/l) at 20 °C** *>11*
- **Solubility**
- **water:** *Slightly soluble.*
- **Density and/or relative density**
- **Density at 20 °C:** *1.2 g/cm<sup>3</sup>*
- **Particle characteristics** *See item 3.*

### · 9.2 Other information

- **Appearance:**
- **Form:** *Powder*
- **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 content:**
- **Organic solvents:** *0.0 %*
- **Solids content:** *100.0 %*

(Contd. on page 5)

## Safety data sheet

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Version number 5 (replaces version 4)

Revision: 27.11.2023

Trade name: **711 Uniflex**

(Contd. of page 4)

#### · 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**  
*Causes skin irritation.*
- **Serious eye damage/irritation**  
*Causes serious eye damage.*
- **Respiratory or skin sensitisation**  
*Product can cause irritation on the longer term dermatitis. This impact is caused by alkalinity of the product in water and on mechanical damage of the skin.*
- **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**  
*May cause respiratory irritation.*
- **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 6)

GB

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(Contd. of page 5)

· **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 allow undiluted product or large quantities of it to reach ground water, water course or sewage system.*

## 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 system.*· **European waste catalogue**

HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP13	Sensitising

· **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 7)

## Safety data sheet

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

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Revision: 27.11.2023

Trade name: **711 Uniflex**

(Contd. of page 6)

- |   |                 |
|---|-----------------|
| · <b>14.4 Packing group</b>   |                 |
| · <b>ADR, IMDG, IATA</b>  | Void            |
| · <b>14.5 Environmental hazards:</b>                                  |                 |
| · <b>Marine pollutant:</b>  | No              |
| · <b>14.6 Special precautions for user</b>                            | Not applicable. |
| · <b>14.7 Maritime transport in bulk according to IMO instruments</b> | Not applicable. |
| · <b>UN "Model Regulation":</b>                                       | 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.*

· **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:**

- **Waterhazard class:** *Water hazard class 1 (Self-assessment): slightly 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.*

· **Relevant phrases**

*H315 Causes skin irritation.*

*H317 May cause an allergic skin reaction.*

*H318 Causes serious eye damage.*

*H335 May cause respiratory irritation.*

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

· **Contact:** *Ing. T.W. Breeuwer*

· **Version number of previous version:** *4*

(Contd. on page 8)

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(Contd. of page 7)

**· Abbreviations and acronyms:**

*RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*

*ICAO: International Civil Aviation Organisation*

*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*

*Skin Irrit. 2: Skin corrosion/irritation – Category 2*

*Eye Dam. 1: Serious eye damage/eye irritation – Category 1*

*Skin Sens. 1: Skin sensitisation – Category 1*

*STOT SE 3: Specific target organ toxicity (single exposure) – Category 3*

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

GB