

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 16.07.2021

Version number 5

Revision: 16.07.2021

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

· **1.1 Product identifier**

· Trade name: **720 Unicol**

· Article number: 720

· **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 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 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 CLP regulation.*

· **Hazard pictograms**



GHS05 GHS07

· **Signal word** *Danger*

· **Hazard-determining components of labelling:**

*Portland cement clinker*

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**Hazard statements**

- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- 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.

### SECTION 3: Composition/information on ingredients

**3.2 Chemical characterisation: Mixtures**

- Description: Mixture of cement, fillers and additives.

**Dangerous components:**

CAS: 65997-15-1	Portland cement clinker	>25-50%
EINECS: 266-043-4	☠ Eye Dam. 1, H318; ☠ Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	

- 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.

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### 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.*
- **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**
- **Additional information about design of technical facilities:** *No further data; see item 7.*

- **Ingredients with limit values that require monitoring at the workplace:**

<b>65997-15-1 Portland cement clinker</b>	
<b>WEL</b>	<i>Long-term value: 10* 4** mg/m<sup>3</sup></i>
	<i>*inhalable dust **respirable dust</i>

- **Additional information:** *The lists valid during manufacture were used as basis.*

- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
*The usual precautionary measures are to be adhered to when handling chemicals.*

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*Wash hands before breaks and at the end of work.*

*Avoid contact with the eyes and skin.*

*Do not inhale dust.*

**· Respiratory protection:**

*Use suitable respiratory protective device (filter P2) in case of insufficient ventilation.*

**· Protection of hands:**



*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 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**

**· Appearance:**

<b>Form:</b>	<i>Powder</i>
<b>Colour:</b>	<i>Grey</i>
<b>Odour:</b>	<i>Characteristic</i>

<b>· pH-value (4000 g/l) at 20 °C:</b>	<i>&gt;11</i>
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**· Change in condition**

<b>Melting point/freezing point:</b>	<i>Undetermined.</i>
<b>Initial boiling point and boiling range:</b>	<i>Undetermined.</i>

<b>· Flash point:</b>	<i>Not applicable.</i>
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<b>· Auto-ignition temperature:</b>	<i>Product is not self-igniting.</i>
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<b>· Explosive properties:</b>	<i>Product does not present an explosion hazard.</i>
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<b>· Density at 20 °C:</b>	<i>1.3 g/cm<sup>3</sup></i>
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· <b>Solubility in / Miscibility with water:</b>	<i>Slightly soluble.</i>
· <b>Solvent content:</b> <b>Organic solvents:</b>	<i>0.0 %</i>
· <b>9.2 Other information</b>	<i>No further relevant information available.</i>

### 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 toxicological effects**
- **Acute toxicity** *Based on available data, the classification criteria are not met.*
- **Primary irritant effect:**
- **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.*  
*May cause an allergic skin reaction.*
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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.*

### 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.*

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- **12.4 Mobility in soil** *No further relevant information available.*
- **Additional ecological information:**
- **General notes:**  
*Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.*  
*Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water*
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*
- **12.6 Other adverse effects** *No further relevant information available.*

### 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.*
- **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

- |  |                        |
|--|------------------------|
| · <b>14.1 UN-Number</b>  |                        |
| · <b>ADR, ADN, IMDG, IATA</b>  | <i>Void</i>            |
| · <b>14.2 UN proper shipping name</b>  |                        |
| · <b>ADR, ADN, IMDG, IATA</b>  | <i>Void</i>            |
| · <b>14.3 Transport hazard class(es)</b>   |                        |
| · <b>ADR, ADN, IMDG, IATA</b>  |                        |
| · <b>Class</b>   | <i>Void</i>            |
| · <b>14.4 Packing group</b>  |                        |
| · <b>ADR, IMDG, IATA</b>   | <i>Void</i>            |
| · <b>14.5 Environmental hazards:</b>   |                        |
| · <b>Marine pollutant:</b>   | <i>No</i>              |
| · <b>14.6 Special precautions for user</b>                                       | <i>Not applicable.</i> |
| · <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b> | <i>Not applicable.</i> |
| · <b>UN "Model Regulation":</b>  | <i>Void</i>            |

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#### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations:**
- **Waterhazard class:** *Water hazard class 1 (Self-assessment): slightly hazardous for water.*
- **Other regulations, limitations and prohibitive regulations**

#### · **Substances of very high concern (SVHC) according to REACH, Article 57**

*None of the ingredients is listed.*

- **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.*

- **Contact:** *Ing. T.W. Breeuwer*

#### · **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*

*SVHC: Substances of Very High Concern*

*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.**