

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 05.06.2024

Version number 6 (replaces version 5)

Revision: 05.06.2024

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

1.1 Product identifierTrade name: **991 Europlan Direct Rapid**

Article number: 9913

UFI: M3R2-50E5-500D-718N

1.2 Relevant identified uses of the substance or mixture and uses advised against
*No further relevant information available.***Application of the substance / preparation** *Self-levelling compound***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.*

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*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	Portland cement clinker	>1-5%
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.*

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.*

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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:** *Ensure adequate ventilation.*
- **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**
Prevent formation of dust.
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 ³ *inhalable dust **respirable dust
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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.
Immediately remove all soiled and contaminated clothing
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.
- **Hand protection**



Protective gloves

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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**

· Physical state	Solid
· Colour:	Grey
· Odour:	Characteristic
· Odour threshold:	Not determined.
· Melting point/freezing point:	Undetermined.
· Boiling point or initial boiling point and boiling range	Undetermined.
· Flammability	Not determined.
· Lower and upper explosion limit	
· Lower:	Not determined.
· Upper:	Not determined.
· Flash point:	Not applicable.
· Decomposition temperature:	Not determined.
· pH	Not applicable.
· Viscosity:	
· Kinematic viscosity	Not applicable.
· Dynamic:	Not applicable.
· Solubility	
· water:	Slightly soluble.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure:	Not applicable.
· Density and/or relative density	
· Density at 20 °C:	1.2 g/cm ³
· Relative density	Not determined.
· Vapour density	Not applicable.
· Particle characteristics	See item 3.

- **9.2 Other information**

- **Appearance:**

- **Form:** Powder

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- **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 %*
- **Change in condition**
- **Evaporation rate** *Not applicable.*

- **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.*

- **LD/LC50 values relevant for classification:**

7778-18-9 calcium sulphate, natural

Oral LD50 >2,000 mg/kg (rat)

- **Skin corrosion/irritation**
Causes skin irritation.

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- **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.*
- **11.2 Information on other hazards**

· Endocrine disrupting properties
<i>None of the ingredients is listed.</i>

SECTION 12: Ecological information

- **12.1 Toxicity**

· Aquatic toxicity:						
7778-18-9 calcium sulphate, natural						
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 2px;">LC50/96h</td> <td style="padding: 2px;">>79 mg/l (fish)</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">EC50/48 h</td> <td style="padding: 2px;">>79 mg/l (daphnia)</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">EC50/72 h</td> <td style="padding: 2px;">>79 mg/l (algae)</td> </tr> </table>	LC50/96h	>79 mg/l (fish)	EC50/48 h	>79 mg/l (daphnia)	EC50/72 h	>79 mg/l (algae)
LC50/96h	>79 mg/l (fish)					
EC50/48 h	>79 mg/l (daphnia)					
EC50/72 h	>79 mg/l (algae)					

- **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.*

- **Uncleaned packaging:**

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

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

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SECTION 14: Transport information

· 14.1 UN number or ID number · ADR, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class	Void
· 14.4 Packing group · ADR, IMDG, IATA	Void
· 14.5 Environmental hazards: · Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	Not classified as hazardous under transport regulations.
· 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.*
- 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 2 (Self-assessment): hazardous for water.*
- 15.2 Chemical safety assessment: *A Chemical Safety Assessment has not been carried out.*

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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**

- **Date of previous version: 13.11.2023**

- **Version number of previous version: 5**

- **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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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.**