

HydroBond 2K-Flex

Thick, Bitumen Waterproof Coating (Part A - Bitumen)

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Identifier

- Product name Newton HydroBond 2K-Flex
- Product code HB-2K

PART A - BITUMEN

Relevant identified uses of the substance and uses advised against

- Use of substance/mixture Highly flexible, polystyrene-filled, polymer-coated, 2-component bitumen thick coating

Details of the Supplier of the Material Safety Data Sheet

- Company Address Newton Waterproofing Systems, Newton House, 17-20 Sovereign Way, Tonbridge, Kent TN9 1RH
- Web www.newtonwaterproofing.co.uk
- Email address of the competent person info@newtonwaterproofing.co.uk
- Emergency telephone number +44 (0)1732 360095: 08:00/17:30 (GMT) Mon-Thur & 08:00/17:00 (GMT) Fri

2. HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture Product Identifier

- Classification under CLP The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP]. Physical Hazards Flam. Liq. 3 - H226

2.2 Label Elements

According to EC directives or the corresponding national regulations the product does not have to be labelled

- Hazard statements
Supplemental hazard information EUH208 - Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

2.3 Other Hazards

NDA

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture

NDA

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

- General information In case of accident or illness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended
- Inhalation No special measures are necessary
- Ingestion Rinse mouth. Drink water in little sips (dilution effect). Get medical advice/attention if you feel unwell

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- Skin contact After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician
- Eye contact In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

- General information No known symptoms to date

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

- Suitable extinguishing media Extinguishing powder, Carbon dioxide (CO₂), Foam
- Unsuitable extinguishing media Full water jet

5.2 Special Hazards Arising from the Material

- Hazardous combustion products Burning produces heavy smoke

5.3 Advice for Firefighters

- Special protective equipment for firefighters
Wear a self-contained breathing apparatus and chemical protective clothing

6. ACCIDENTAL RELEASE MEASURES

6.1.1 Personal Precautions, Protective Equipment and Emergency Procedures

- Personal precautions Remove persons to safety. Use personal protection equipment
- Personal equipment Wear protective gloves/protective clothing/eye protection/face protection

6.1.2 For emergency responders

- Personal protection equipment See section 8

6.2 Environmental Precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil

6.3 Methods and Materials for Containment and Cleaning Up

- For containment Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents)
- For cleaning up Dilute with plenty of water. Retain contaminated washing water and dispose it

6.4 Reference to Other Sections

For personal protection, see Section 7. For personal protection, see Section 8. For waste disposal, see Section 13

6.5 Additional information

Collect spillage

7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Protective measures

- Advice on safe handling Wear personal protection equipment (refer to section 8)
- Fire prevent measures No special fire protection measures are necessary
- Advices on general occupational hygiene
When using do not eat, drink or smoke. Avoid contact with eyes and skin

7.2 Conditions for Safe Storage, Including Any Incompatibilities

- Storage precautions Keep container tightly closed in a cool, well-ventilated place. Protect from sunlight. storage temperature: 5-35°C
- Storage class (TRGS 510, Germany): 12 – non-combustible liquids that cannot be assigned to any of the above storage classes

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7.3 Specific End Use(es)

- Industrial sector specific solutions Bituminous emulsions
- GISCODE BBP10

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Workplace Exposure Limits (WEL)

Substance	CAS No.:	EC No.:	Long-term exposure limit (8hr TWA reference period)		Short-term exposure limit (15 minute reference period)		Comments
			ppm	mg / m ³	ppm	mg / m ³	
Asphalt	8052-42-4	232-490-9		5		10	N/A

8.1.2 Biological limit values No data available

8.1.3 DNEL-/PNEC-values No data available

8.2 Exposure Controls

8.2.1 Appropriate Engineering Controls No data available

8.2.2 Personal Protective Equipment



- Eye / face protection Eye glasses with side protection DIN EN 166
- Skin protection Tested protective gloves must be worn EN ISO 374 Suitable material: Break through time: min In the case of wanting to use the gloves again, clean them before taking off and air them well. Breakthrough times and swelling properties of the material must be taken into consideration
- Respiratory protection Respiratory protection necessary at: spray application

8.2.3 Environmental exposure controls No data available

8.3 Additional information

- Further information See technical data sheet

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

- Appearance
 - (i) Form Paste
 - (ii) Colour Black
- Odour Odourless
- Melting point Not determined
- Freezing point ≥ 0 °C
- Initial boiling point/range ≥ 100 °C
- Decomposition temperature Not determined
- Flash point/self-ignition Not determined

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• Evaporation rate	Not determined
• Auto-ignition temperature	Not determined
• Upper/lower flammability or explosive limits	Not determined
• Vapour pressure	Not determined
• Vapour density	Not determined
• Density	0.65 – 0.68 g/cm ³ @ 20°C
• Relative density	Not determined
• Bulk density	Not determined
• Solubility in water	Miscible
• Partition coefficient n-octanol/water	Not determined
• Dynamic viscosity	Not determined
• Explosive properties	Not considered to be explosive
• Kinematic viscosity	Not determined
• Volatile organic compounds (VOC) content in percent by weight:	Not determined
9.2 Other Information	No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity	The product itself is not combustible, it is however slightly oxidising (active oxygen content approx. 2%)
10.2 Chemical Stability	The product is chemically stable under recommended conditions of storage, use and temperature
10.3 Possibility of Hazardous Reactions	No hazardous reaction when handled and stored according to provisions
10.4 Conditions to Avoid	No data available
10.5 Incompatible Materials to Avoid	No data available
10.6 Hazardous Decomposition Products	Does not decompose when used for intended uses

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Substance name	Toxicological information
Asphalt CAS No.: 8052-42-4 EC No.: 232-490-9	LD50 oral: > 5,000 mg/kg (Rat) Gestis LD50 dermal: > 2,000 mg/kg (Rabbit) Gestis

Accute toxicity - oral	Based on available data, the classification criteria are not met
Accute toxicity - dermal	Based on available data, the classification criteria are not met
Accute toxicity - inhalation	Based on available data, the classification criteria are not met
Skin corrosion/irritation	Due to its pH value (see section 9), irritation of the skin and eyes cannot be ruled out
Serious eye damage/irritation	Due to its pH value (see section 9), irritation of the skin and eyes cannot be ruled out
Respiratory or skin sensitisation	Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction

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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
Specific target organ toxicity	
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
Additional information	No data available
11.2 Information on Other hazards	No data available

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity	No data available
12.2. Persistence and degradability	No data available
12.3. Bioaccumulative potential	No data available
12.4. Mobility in soil	No data available
12.5. Results of PBT and vPvB assessment	
	No data available
12.6. Endocrine disrupting properties	No data available
12.7. Other adverse effects	No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods	Dispose of waste according to applicable legislation
13.1 .1 Product/Packaging disposal	Waste codes/waste designations according to EWC/AVV
Waste code product:	08 04 10 - waste adhesives and sealants other than those mentioned in 08 04 09
Waste code packaging:	08 04 10 - waste adhesives and sealants other than those mentioned in 08 04 09
13.1 .2 Waste treatment options	Waste codes/waste designations according to EWC/AVV
Appropriate disposal / Product:	Consult the appropriate local waste disposal expert about waste disposal
Appropriate disposal / Package:	Completely emptied packages can be recycled
13.2 Additional information	The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process

14. TRANSPORT INFORMATION

General information	Not dangerous good in sense of these transport regulations
14.1 UN Number	Not relevant
14.2 UN Proper Shipping Name	Not relevant
14.3 Transportation Hazard Class(es)	Not relevant
14.4 Packing Group	Not relevant
14.5 Environmental Hazards	Not relevant
14.6 Special Precautions for User	Not relevant
14.7 Transport in Bulk	Not relevant

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15. REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance, Mixture or Article

No data available

15.2 Chemical Safety Assessment

For this substance a chemical safety assessment is not required

16. OTHER INFORMATION

16.1 Indication of changes

No data available

16.2 Abbreviations and acronyms

No data available

16.3 Key literature references and sources for data

No data available

16.4 Classification for mixtures and used evaluation method according to GB-CLP Regulation, UK SI 2019/720 and UK SI 2020/1567

- Classification according to GB-CLP Regulation, UK SI 2019/720 and UK SI 2020/1567:

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP]

16.5 Relevant R-, H- and EUH-phrases (Number and full text)

No data available

16.6 Training advice

No data available

16.7 Additional information

The information in this safety data sheet corresponds to the best of our knowledge at the time of printing. The information should give you indications for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and disposal. The details are not transferable to other products. Insofar as the product is mixed with other materials, mixed or processed, or subjected to processing, the information in this safety data sheet, unless expressly stated otherwise, can not be transferred to the new material produced in this way. Follow instructions for use on the label

HydroBond 2K-Flex

Thick, Bitumen Waterproof Coating (Part B - Powder)

Revision: 2.0 - 10th October 2022
Code: HB-2K

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Identifier

- Product name Newton HydroBond 2K-Flex
- Product code HB-2K

PART B - POWDER

Relevant identified uses of the substance and uses advised against

- Use of substance/mixture Mixing component for bitumen coatings. All uses that are not stated are advised against

Details of the Supplier of the Material Safety Data Sheet

- Company Address Newton Waterproofing Systems, Newton House, 17-20 Sovereign Way, Tonbridge, Kent TN9 1RH
- Web www.newtonwaterproofing.co.uk
- Email address of the competent person info@newtonwaterproofing.co.uk
- Emergency telephone number +44 (0)1732 360095: 08:00/17:30 (GMT) Mon-Thur & 08:00/17:00 (GMT) Fri

2. HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture Product Identifier

- Classification according to Regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation (Skin Irrit. 2)	H315: Causes skin irritation	Calculation method
Serious eye damage/eye irritation (Eye Dam. 1)	H318: Causes serious eye damage	Calculation method

- Additional information Cement product for which the amount of chromium VI was decreased to < 0,0002 % by a reduction agent (related to the total dry weight).

2.2 Label Elements

- Labelling according to Regulation (EC) No 1272/2008 [CLP]
- Hazard pictograms

**GHS05**

Corrosion

- Signal word Danger
- Hazard components for labelling: Cement, portland, chemicals; Flue dust, portland cement

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Hazard statements for health hazards	
H315	Causes skin irritation
H318	Causes serious eye damage

Supplemental hazard information	
EUH208	Contains Flue dust, portland cement. May produce an allergic reaction.

Precautionary statements	
P102	Keep out of reach of children

Precautionary statements - Prevention	
P280	Wear protective gloves/protective clothing/eye protection/face protection

Precautionary statements - Response	
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P332 + P313	If skin irritation occurs: Get medical advice/attention





2.3 Other Hazards

- Other adverse effects: The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 14808-60-7 EC No.: 238-878-4 REACH No.: 01-2120770509-45-XXXX	Quartz (SiO ₂) Substance with a community workplace exposure limit. ----- Additional information: Quarz (alveolengängig), SiO ₂ < 1 %	44 – < 85 weight-%
CAS No.: 65997-15-1 EC No.: 266-043-4	Cement, portland, chemicals Eye Dam. 1 (H318), STOT SE 3 (H335), Skin Irrit. 2 (H315), Skin Sens. 1B (H317)   Danger	8 – < 14.07 weight-%
CAS No.: 68475-76-3 EC No.: 270-659-9 REACH No.: 01-2119486767-17-XXXX	Flue dust, portland cement Eye Dam. 1 (H318), STOT SE 3 (H335), Skin Irrit. 2 (H315), Skin Sens. 1B (H317)   Danger	0 – < 0.71 weight-%

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4. FIRST AID MEASURES

4.1 Description of First Aid Measures

- General information: Usually no personal respiratory protection necessary. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended. First Aider: Pay attention to self-protection!
- Following inhalation: Provide fresh air. In case of respiratory tract irritation, consult a physician.
- In case of skin contact: Wash with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention
- After eye contact: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.
- Following ingestion: Rinse mouth. Get medical advice/attention if you feel unwell.
- Self-protection of the first aider: Use personal protection equipment.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Skin corrosion/irritation Serious eye damage/eye irritation

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

- Suitable extinguishing media: Co-ordinate fire-fighting measures to the fire surroundings
- Unsuitable extinguishing media: Full water jet

5.2 Special Hazards Arising from the Material

Hazardous combustion products: No known hazardous reactions. The product itself does not burn
In case of fire: Gases/vapours, toxic

5.3 Advice for Firefighters

Wear a self-contained breathing apparatus and chemical protective clothing

5.4 Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

- Personal precautions: Avoid dust formation. Remove persons to safety.
- Personal equipment: Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2 For emergency responders

- Personal protection equipment: Respiratory protection necessary at: dust formation, Personal protection equipment: see section 8

6.2 Environmental Precautions

Do not allow to enter into surface water or drains

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6.3 Methods and Materials for Containment and Cleaning Up

- For containment Collect spillage. Measures to prevent aerosol and dust generation Wet clean or vacuum up solids. Treat the recovered material as prescribed in the section on waste disposal.
- For cleaning up Take up mechanically, placing in appropriate containers for disposal.

6.4 Reference to Other Sections

Personal protection equipment: see section 8 Disposal: see section 13 Safe handling: see section 7

6.5 Additional information

Use appropriate container to avoid environmental contamination

7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Protective measures

- Advice on safe handling Wear personal protection equipment (refer to section 8). Do not breathe dust
- Fire prevent measures No special fire protection measures are necessary
- Measures to prevent aerosol and dust generation Do not use a dry brush as dust clouds or static can be created. Dust should be exhausted directly at the point of origin. Additional measures for respiratory protection: Dust mask
- Environmental precautions No special environmental measures are necessary

Advices on general occupational hygiene

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500. When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

- Technical measures and storage conditions: Store in a cool dry place. Keep container tightly closed in a cool, well-ventilated place.
- Storage class (TRGS 510, Germany): 13 – Non-combustible solids that cannot be assigned to any of the above storage classes

7.3 Specific End Use(es)

- Industrial sector specific solutions Products containing cement, low in chromate
- GISCODE ZP1

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

8.1.1 Occupational exposure limit values

Limit value type (country of origin)	Substance name	1 Long-term occupational exposure limit value 2 Short-term occupational exposure limit value 3 Instantaneous value 4 Monitoring and observation processes 5 Remark
BOELV (EU)	Quartz (SiO ₂) CAS No.: 14808-60-7 EC No.: 238-878-4	1 0.1 mg/m ³ 2 (Silica, crystalline; respirable fraction)

8.1.2 Biological limit values No data available

8.1.3 DNEL-/PNEC-values No data available

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8.2 Exposure Controls

8.2.1 Appropriate Engineering Controls No special technical protective measures are necessary.

8.2.2 Personal Protective Equipment



Eye/face protection: Dust protection eye glasses

- Skin protection The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Tested protective gloves must be worn EN ISO 374 Suitable material: NBR (Nitrile rubber). In the case of wanting to use the gloves again, clean them before taking off and air them well. Breakthrough times and swelling properties of the material must be taken into consideration.
- Respiratory protection Usually no personal respiratory protection necessary. Particle filter device (DIN EN 143) Filter type: P 2
- Other protection measures: Only wear fitting, comfortable and clean protective clothing.

8.2.3 Environmental exposure controls Do not allow to enter into surface water or drains.

8.3. Additional information Further information: see technical data sheet.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

- Appearance
Physical state: Solid Colour: Grey Odour: Not determined

Safety relevant basis data

Parameter	Value	at °C	Method Remark
pH	Not determined		
Melting point	Not determined		
Freezing point	Not determined		
Initial boiling point and boiling range	Not determined		
Decomposition temperature	Not determined		
Flash point	Not determined		
Evaporation rate	Not determined		
Auto-ignition temperature	Not determined		
Upper/lower flammability or explosive limits	Not determined		
Vapour pressure	Not determined		
Vapour density	Not determined		
Density	≈ 1.4 g/cm ³	20 °C	
Relative density	Not determined		
Bulk density	Not determined		
Water solubility	miscible		

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Partition coefficient: n-octanol/water	Not determined		
Dynamic viscosity	Not determined		
Kinematic viscosity	Not determined	40 °C	

9.2 Other Information

No hazardous reaction when handled and stored according to provisions.

10. STABILITY AND REACTIVITY

10.1 Reactivity

The product itself does not burn

10.2 Chemical Stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of Hazardous Reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to Avoid

Further information on proper storage: see section 7.

10.5 Incompatible Materials to Avoid

Further information on proper storage: see section 7.

10.6 Hazardous Decomposition Products

Does not decompose when used for intended uses. In case of fire: Gases/ vapours, toxic

11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4
LD50 dermal: >2,000 mg/kg (Rabbit)
Flue dust, portland cement CAS No.: 68475-76-3 EC No.: 270-659-9
LD50 dermal: >2,000 mg/kg

Acute oral toxicity:

Based on available data, the classification criteria are not met

Acute dermal toxicity:

Based on available data, the classification criteria are not met

Acute inhalation 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:

Contains Flue dust, portland cement. May produce an allergic 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

Additional information:

No data available

11.2 Information on Other hazards

No hazardous reaction when handled and stored according to provisions.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Additional ecotoxicological information: There are no data available on the mixture itself.

12.2. Persistence and degradability

Additional information:

There are no data available on the mixture itself.

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12.3. Bioaccumulative potential

Bioconcentration factor (BCF): There are no data available on the mixture itself.

12.4. Mobility in soil There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment

Quartz (SiO ₂) CAS No.: 14808-60-7 EC No.: 238-878-4
Results of PBT and vPvB assessment: —
Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4
Results of PBT and vPvB assessment: —
Flue dust, portland cement CAS No.: 68475-76-3 EC No.: 270-659-9
Results of PBT and vPvB assessment: —

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties No data available

12.7. Other adverse effects There are no data available on the mixture itself.

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods Dispose of waste according to applicable legislation

13.1 .1 Product/Packaging disposal Waste codes/waste designations according to EWC/AVV

Waste code product: 17 01 01 - Concrete

Waste code packaging: 17 01 01 - Concrete

Waste treatment options

Appropriate disposal / Product: Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package: Completely emptied packages can be recycled

14. TRANSPORT INFORMATION

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
No dangerous good in sense of these transport regulations	No dangerous good in sense of these transport regulations	No dangerous good in sense of these transport regulations	No dangerous good in sense of these transport regulations
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations	No dangerous good in sense of these transport regulations	No dangerous good in sense of these transport regulations	No dangerous good in sense of these transport regulations
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

14.7 14.7. Maritime transport in bulk according to IMO instruments

Transport in bulk according to MARPOL 73/78 Annex II and the IBC code

15. REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance, Mixture or Article

15.1.1. EU legislation

Other regulations (EU):

1. Regulation (EC) No. 1907/2006 of the European Parliament and Council from 18 December 2006 on the registration, evaluation, authorisation and restriction of chemicals (REACH), on the the establishing of a European chemicals agency, on the amending of Regulation (EC) 1999/45 and on the repeal of Regulation (EC) No. 793/93 of the Council, Regulation (EC) No. 1488/94 of the Commission, Regulation (EC) No. 76/769 of the Council and Regulations (EC) Nos. 91/155/EWG, 93/67, 93/105 and 2000/21 of the Commission, in their latest versions.

2. Regulation (EC) No. 1272/2008 of the European Parliament and Council from 16 December 2008 on the classification, labelling and packaging of substances and mixtures, amending and appealing of Regulations (EC) Nos. 67/548 and 1999/45 and in order to amend Regulation (EC) No. 1907/2006 (Official Gazette of the European Union L No. 353 from 31 December in the amended version).

3. Regulation (EC) No. 2015/830 of the Commission from 28 May 2015 on the amendment of Regulation (EC) No. 1907/2006 of the European Parliament and the Council on the registration, evaluation, authorisation and restriction of chemicals (REACH) in the amended version.

4. Regulation (EU) No. 2016/425 of the European Parliament and the Council from 9 March 2016 on personal protective equipment and the repeal of Regulation (EC) 89/686 of the Council (Official Gazette of the EU L 81 from 31 March 2016, p. 51).

15.1.2. National regulations

[DE] National regulations

Water hazard class

WGK:

1 - schwach wassergefährdend

Description:

Slightly hazardous to water

Technische Regeln für Gefahrstoffe

TRGS 500, TRGS 510

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out - it is not necessary for the mixture.

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16. OTHER INFORMATION

16.1 Indication of changes

2.1.	Classification of the substance or mixture
3.2.	Mixtures
5.2.	Special hazards arising from the substance or mixture
10.6.	Hazardous decomposition products
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture
16.1.	Indication of changes

16.2 Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

16.3 Key literature references and sources for data

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation (Skin Irrit. 2)	H315: Causes skin irritation.	Calculation method.
Serious eye damage/eye irritation (Eye Dam. 1)	H318: Causes serious eye damage.	Calculation method.

16.5 Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

16.6 Training advice

Follow the instructions for use on the label.

16.7 Additional information

The information in this safety data sheet corresponds to the best of our knowledge at the time of printing. The information should give you indications for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and disposal. The details are not transferable to other products. Insofar as the product is mixed with other materials, mixed or processed, or subjected to processing, the information in this safety data sheet, unless expressly stated otherwise, can not be transferred to the new material produced in this way. Follow instructions for use on the label.

* Data changed compared with the previous version.