

HydroBond 2K-Flex Primer

Fast-Drying Bitumen Emulsion

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

Product Identifier

- Product name HydroBond 2K-Flex Primer
- Product code HB-2KP

Relevant identified uses of the substance and uses advised against

- Use of substance/mixture Quick-drying bitumen emulsion primer

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 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].

2.2 Label Elements - Labelling according to GB-CLP Regulation, UK SI 2019/720 and UK SI 2020/1567

- 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. |

Precautionary statements: -

2.3 Other Hazards No data available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture

Description:

- This mixture does not contain any substances presenting a health environmental hazard within the means of Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List.

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4. FIRST AID MEASURES

4.1 Description of First Aid Measures

- General information: 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.
- Following inhalation: No special measures are necessary.
- In case of skin contact: After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.
- After 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.
- Following ingestion: Rinse mouth. Let water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

- No known symptoms to date.

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: 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.

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

6.1.2. For emergency responders

- Personal protection equipment: 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.

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

- Technical measures and storage conditions: 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

7.3 Specific End Use(es)

- Industrial sector specific solutions: Bituminous emulsions
- GISCODE: BBP10

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

8.1.1. Occupational exposure limit values:

| Limit value (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 |
|---------------------------------|--|---|
| WEL (GB) | Asphalt CAS No.: 8052-42-4 EC No.: 232-490-9 | 1. 5 mg/m ³ 2. 10 mg/m ³ |

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

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8.2.2. Personal protection equipment



- Eye/face protection: Eye glasses with side protection EN 166
- Skin protection: Tested protective gloves must be worn EN ISO 374 Suitable material: Breakthrough 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

Physical state: Liquid

Colour: Black

Odour: Odourless

Safety relevant basis data

| Parameter | | at °C | Method | Remark |
|--|-----------------------|-------|--------|--------|
| pH | 11 – 11.5 | 20 °C | | |
| Melting point | not determined | | | |
| Freezing point | ≈ 0 °C | | | |
| Initial boiling point and boiling range | ≈ 100 °C | | | |
| 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 | ati | | | |
| Density | ≈ 1 g/cm ³ | 20 °C | | |
| Relative density | not determined | | | |
| Bulk density | not determined | | | |
| Water solubility | miscible | | | |
| Partition coefficient: n-octanol/ water | not determined | | | |
| Dynamic viscosity | not determined | | | |
| Kinematic viscosity | not determined | 40 °C | | |
| Volatile organic compounds (VOC) content in percent by weight: | 0 % | | | |

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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 No data available

10.6 Hazardous Decomposition Products Does not decompose when used for intended uses.

11. TOXICOLOGICAL INFORMATION

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

| 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 |

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.

11.2. Information on other hazards

- No data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

- 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

12.6. Other adverse effects

- No data available

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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 |
|----------|---|

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.

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

14.1 UN Number or ID 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 According to IMO instruments

- Not relevant

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- No data available

15.2 Chemical Safety Assessment

- For this mixture a chemical safety assessment is not required.

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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.