

HydroBond SA[®]

Type A - Self-Adhesive Waterproofing Membrane

Revision: 1.0 - 13th July 2021
Code: 401M

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

Product Identifier

- Product name Newton HydroBond-SA
- Product code 401M

Relevant identified uses of the substance and uses advised against

- Use of substance/mixture Corrosion protection
- Uses advised against No specific uses advised against are identified

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

- Physical Hazards Not Classified
- Health hazards Not Classified
- Environmental hazards Not Classified

2.2 Label Elements

- Hazard statements Not Classified

2.3 Other Hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture

- Hazardous Substances None of the ingredients are required to be listed

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

- General information Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel
- Inhalation Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention. Place unconscious person on their side in the recovery position and ensure breathing can take place

- Ingestion Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt
- Skin contact Wash skin thoroughly with soap and water. Do not use organic solvents
- Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes
- Protection of first-aiders No specific requirements are anticipated under normal conditions of use. First aid personnel should wear appropriate protective equipment during any rescue

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

- General information See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure
- Inhalation No specific symptoms known
- Ingestion No specific symptoms known
- Skin contact Prolonged contact may cause dryness of the skin
- Eye contact No specific symptoms known. May be slightly irritating to eyes

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

- Notes for the doctor Treat symptomatically

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

- Suitable extinguishing media The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire
- Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire

5.2 Special Hazards Arising from the Material

- Specific hazards None known
- Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours

5.3 Advice for Firefighters

- Protective actions during firefighting Avoid breathing fire gases or vapours. Evacuate area
- Special protective equipment for firefighters
Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

- Personal precautions No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage. Do not touch or walk into spilled material

- 6.2 Environmental Precautions Avoid discharge into drains or watercourses or onto the ground. Insoluble in water. Aquatic toxicity is unlikely to occur. Collect spillage.

- 6.3 Methods and Materials for Containment and Cleaning Up Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13

- 6.4 Reference to Other Sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13

7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling

- User precautions Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Do not handle until all safety precautions have been read and understood
- Advice on general, occupational hygiene Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace

7.2 Conditions for Safe Storage, Including Any Incompatibilities

- Storage precautions Store away from incompatible materials (see Section 10). Keep away from oxidising materials, heat and flames. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage
- Storage class Unspecified storage

- 7.3 Specific End Use(es) The identified uses for this product are detailed in Section 1.2

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

- Ingredient comments No dust formed during normal use

8.2 Exposure Controls

- Protective equipment

8.2.2 Personal Protective Equipment

- Appropriate engineering Provide adequate ventilation. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimise exposure



- Eye / face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166
- Skin protection
 - (i) Hand Protection Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.
 - (ii) Other Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible
- Hygiene measures Wash after use and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke
- Respiratory protection Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with European Standard EN14387. Full face mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140
- Thermal hazards NDA
- Environmental Keep container tightly sealed when not in use

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

- Appearance
 - (i) Form Solid
 - (ii) Colour Black
- Odour Mild
- Odour threshold Not available
- pH Not relevant
- Melting point No data available
- Initial melting point and range Not relevant
- Flash point/self-ignition °C Not relevant
- Evaporation rate Not relevant
- Flammability Not available
- Vapour pressure Not relevant
- Vapour density Not relevant
- Relative density Not available
- Solubility(ies) Insoluble in water
- Partition coefficient No information available

- Auto-ignition temperature Not relevant
- Decomposition Temperature Not available
- Viscosity Not available
- Explosive properties Not considered to be explosive
- Oxidising properties Does not meet the criteria for classification as oxidising

9.2 Other Information

10. STABILITY AND REACTIVITY

- 10.1 Reactivity** See the other subsections of this section for further details
- 10.2 Chemical Stability** Stable at normal ambient temperatures and when used as recommended.
Stable under the prescribed storage conditions
- 10.3 Possibility of Hazardous Reactions** No potentially hazardous reactions known
- 10.4 Conditions to Avoid** There are no known conditions that are likely to result in a hazardous situation
- 10.5 Incompatible Materials to Avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation
- 10.6 Hazardous Decomposition Products** Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

- Accute toxicity - oral**
Notes (oral LD₅₀) Based on available data the classification criteria are not met
- Accute toxicity - dermal**
Notes (oral LD₅₀) Based on available data the classification criteria are not met
- Accute toxicity - inhalation**
Notes (inhalation LC₅₀) Based on available data the classification criteria are not met
- Skin corrosion/irritation**
Animal data Based on available data the classification criteria are not met
- Serious eye damage/irritation**
Serious eye damage/irritation Based on available data the classification criteria are not met
- Respiratory sensitisation**
Respiratory sensitisation Based on available data the classification criteria are not met
- Skin sensitisation**
Skin sensitisation Based on available data the classification criteria are not met
- Germ cell mutagenicity**
Genotoxicity - in vitro Based on available data the classification criteria are not met
- Carcinogenicity**
Carcinogenicity Based on available data the classification criteria are not met
IARC carcinogenicity No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met

Reproductive toxicity - development

Based on available data the classification criteria are not met

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after a single exposure

Aspiration hazard

Aspiration hazard Not relevant. Solid

General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure

Inhalation

No specific symptoms known

Ingestion

No specific symptoms known

Skin contact

Prolonged contact may cause dryness of the skin

Eye contact

No specific symptoms known

Route of exposure

Skin and/or eye contact Ingestion

Target organs

No specific target organs known.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not regarded as dangerous for the environment

12.1 Toxicity

- Toxicity

Based on available data the classification criteria are not met

12.2. Persistence and degradability

- Persistence and degradability

The degradability of the product is not known

12.3. Bioaccumulative potential

- Bioaccumulative potential

No data available on bioaccumulation

- Partition coefficient

Not available

12.4. Mobility in soil

- Mobility

The product is insoluble in water

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB

12.6. Other adverse effects

- Other adverse effects

None known

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

- General information
The generation of waste should be minimised or avoided wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Reuse or recycle products wherever possible. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous
- Disposal method for material
Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible

14. TRANSPORT INFORMATION

General information
The product is not covered by international regulations on the transport of dangerous goods

(IMDG, IATA, ADR/RID)

14.1 UN Number

- Not applicable

14.2 UN Proper Shipping Name

- Not applicable

14.3 Transportation Hazard Class(es)

- No transport warning sign required

14.4 Packing Group

- Not applicable

14.5 Environmental Hazards

- Environmentally hazardous No
- Marine pollutant No

14.6 Special Precautions for User

- Not applicable

14.7 Transport in Bulk According to:

- (i) Annex II of Marpol Not applicable
- (ii) the IBC Code Not applicable

15. REGULATORY INFORMATION

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

- National regulations
Health and Safety at Work etc. Act 1974 (as amended).
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment
Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]
EH40/2005 Workplace exposure limits

- EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18

December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended)

Commission Regulation (EU) No 2015/830 of 28 May 2015.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16

December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2 Chemical Safety Assessment

Inventories - EU - EINECS/ELINCS

No chemical safety assessment has not been carried out

None of the ingredients are listed or exempt

16. OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail

IATA: International Air Transport Association

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG: International Maritime Dangerous Goods

CAS: Chemical Abstracts Service

ATE: Acute Toxicity Estimate

LC₅₀: Lethal Concentration to 50 % of a test population

LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose)

EC₅₀: 50% of maximal Effective Concentration

PBT: Persistent, Bioaccumulative and Toxic substance

vPvB: Very Persistent and Very Bioaccumulative