

# HydroBond 403

## Externally Applied Waterproofing Membrane

### 1. Product Identification

- Trade name Newton 403 Hydrobond
- Application of the substance/the preparation Sealant
- Company Address Newton Waterproofing Systems, Newton House, 17-19 Sovereign Way, Tonbridge, Kent TN9 1RH
- Web [www.newtonwaterproofing.co.uk](http://www.newtonwaterproofing.co.uk)
- Email address of the competent person [info@newtonwaterproofing.co.uk](mailto:info@newtonwaterproofing.co.uk)
- Emergency telephone number +44 (0)1732 360 095  
9am - 5pm (GMT) Mon - Fri

### 2. Hazardous Ingredients

#### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

- Classification according to Directive 67/548/EEC or Directive 1999/45/EC:  
Not applicable
- Information concerning particular hazards for human and environment:  
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version
- Classification system  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data

#### LABEL ELEMENTS

- Labelling according to EU guidelines:  
Observe the general safety regulations when handling chemicals.  
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials
- Special labelling of certain preparations:  
Contains Dioctyltinbis(acetylacetonate). May produce an allergic reaction.  
Safety data sheet available for professional user on request
- Other hazards  
Results of PBT and vPvB assessment  
PBT: Not Applicable  
vPvB: Not Applicable

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### 3. Composition/Information on Ingredients

#### CHEMICAL CHARACTERIZATION: MIXTURES

- Description Mixture of substances listed below with non hazardous addition
- Dangerous Components:

CAS: 2768-02-7 EINECS: 220-449-8	TRIMETHOXYVINYL SILANE	1-5%
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Xn R20

R10



Flam. Liq. 3, H226;



Acute Tox. 4, H332

- Additional information For the wording of the listed risk phrases refer to section 16

### 4. First-Aid Measures

#### DESCRIPTION OF FIRST AID MEASURES

- After inhalation Supply fresh air; consult doctor in case of complaints
- After skin contact Generally the product does not irritate the skin
- After eye contact Rinse opened eye for several minutes under running water
- After swallowing If symptoms persist consult doctor

#### INFORMATION FOR DOCTOR

- Most important symptoms and effects, both acute and delayed  
No further relevant information available
- Indication of any immediate medical attention and special treatment needed  
No further relevant information available

### 5. Fire-Fighting Measures

#### EXTINGUISHING MEDIA

- Suitable extinguishing agents Use fire extinguishing methods suitable to surrounding conditions
- Special hazards arising from the substance or mixture  
No further relevant information available

#### ADVICE FOR FIREFIGHTERS

- Protective equipment No special measures required

# HydroBond 403

## Externally Applied Waterproofing Membrane

### 6. Accidental Release Measures

- Personal precautions, protective equipment and emergency procedures  
Not required
- Environmental precautions  
Do not allow to enter sewers/ surface or ground water
- Methods and material for containment  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust)
- 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

### 7. Handling and Storage

#### HANDLING

- Precautions for safe handling  
No special precautions are necessary if used correctly
- Information about fire - and explosion  
No special measures required

#### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

- 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  
None
- Specific end use(s)  
No further relevant information available

### 8. Exposure Controls / Personal Protection

- Additional information about design of technical facilities  
No further data; see item 7

#### CONTROL PARAMETERS

- Ingredients with limit values that require monitoring at the workplace  
The product does not contain any relevant quantities of material with critical values that have to be monitored at the workplace
- Additional information  
The lists valid during the making were used as basis

#### EXPOSURE CONTROLS

- Personal protection
- General protective and hygienic measures  
Wash hands before breaks and at the end of work
- Respiratory protection  
Not required
- Protection of hands  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

# HydroBond 403

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- Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application
- Penetration time of glove material The exact break-through time has to be found out by the manufacturer of the protective gloves and has to be observed
- Eye protection Goggles recommended during refilling

## 9. Physical and Chemical Properties

### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES GENERAL INFORMATION

- Appearance
  - Form Fluid
  - Colour According to product specification
- Odour Characteristic
- Odour threshold Not determined
- pH-value Not determined
- Change in Condition
  - Melting point/Melting range Undetermined
  - Boiling point/Boiling range Undetermined
- Flash point 224°C
- Flammability (solid, gaseous) Not applicable
- Ignition temperature
  - Decomposition temperature Not determined
- Self-igniting Product is not selfigniting
- Danger of explosion Product does not present an explosion hazard
- Explosion limits
  - Lower Not determined
  - Upper Not determined
- Vapour pressure Not determined
- Density at 20°C 1.215 & 1.410 g/cm<sup>3</sup>
- Relative density Not determined
- Vapour density Not determined
- Evaporation rate Not determined
- Solubility in / Miscibility with water Not miscible or difficult to mix
- Segregation coefficient (n-octanol/water) Not determined
- Viscosity
  - Dynamic Not determined
  - Kinematic Not determined
- Solvent content:
  - Organic solvents: 0.0%
  - VOC (EC): 0.0%
- Other information No further relevant information available

# HydroBond 403

## Externally Applied Waterproofing Membrane

### 10. Stability and Reactivity

- Reactivity
- Chemical stability
- Thermal decomposition/conditions to be avoided  
No decomposition if used according to specifications
- Possibility of hazardous reactions  
No dangerous reactions known
- Conditions to avoid  
No further relevant information available
- Incompatible materials  
No further relevant information available
- Hazardous decomposition products  
No dangerous decomposition products known

### 11. Toxicological Information

- Information on toxicological effects
- Acute toxicity
- Primary irritant effect:
  - On the Skin  
No irritant effect
  - On the Eyes  
No irritating effect
- Sensitization  
No sensitizing effects known

### 12. Ecological Information

#### TOXICITY

- Aquatic toxicity  
No further relevant information available
- Persistence and degradability  
No further relevant information available

#### BEHAVIOUR IN ENVIRONMENTAL SYSTEMS

- Bioaccumulative potential  
No further relevant information available
- Mobility in soil  
No further relevant information available

#### ADDITIONAL ECOLOGICAL INFORMATION

- Additional ecological information
- General notes  
Water hazard class 1 (German Regulation) (Self-assessment):  
slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

#### RESULTS OF PBT AND VPVB ASSESSMENT

- PBT  
Not applicable
- vPvB  
Not applicable
- Other adverse effects  
No further relevant information available

### 13. Disposal Considerations

#### 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

# HydroBond 403

## Externally Applied Waterproofing Membrane

### 14. Transport Information

- UN-Number ADR, ADN, IMDG, IATA Void
- UN proper shipping name ADR, ADN, IMDG, IATA  
Void
- Transport hazard class(es) ADR, ADN, IMDG, IATA Class  
Void
- Packing group ADR, IMDG, IATA Void
- Environmental hazards Marine pollutant  
No
- Special precautions for user Not applicable
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code  
Not applicable

### 15. Regulatory Information

- Chemical safety assessment A Chemical Safety Assessment has not been carried out

### 16. Other Information

- Relevant phrases  
H226 Flammable liquid and vapour  
H332 Harmful if inhaled  
R10 Flammable  
R20 Harmful by inhalation

### 17. DISCLAIMER

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Newton Waterproofing shall not be held liable for any damage resulting from contact with or handling of the above product