

System 400

NEWTON 403 HYDROBOND

Externally Applied Waterproofing Membrane

Rev 4.0 - 09 August 2017

PRODUCT CODE - HB & HBGB

1. Product Identification

- Trade name Newton 403 Hydrobond & Newton 403 HydroBond-GB
- 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
- Email address of the competent person 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

NEWTON 403 HYDROBOND

Externally Applied Waterproofing Membrane

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	TRIMETHOXYVINYLILANE	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

NEWTON 403 HYDROBOND

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

NEWTON 403 HYDROBOND

Externally Applied Waterproofing Membrane

- 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/cm³
- 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

NEWTON 403 HYDROBOND

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

NEWTON 403 HYDROBOND

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