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
3. Composition/Information on Ingredients

CHEMICAL CHARACTERIZATION: MIXTURES

• Description: Mixture of substances listed below with non hazardous addition

• Dangerous Components:

<table>
<thead>
<tr>
<th>CAS: 2768-02-7</th>
<th>TRIMETHOXYVINYL SILANE</th>
<th>1-5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>EINECS: 220-449-8</td>
<td></td>
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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
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
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
- Acquatic 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
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.