

System 300

NEWTON 315 POLYMER WATERBAR

Swelling Waterbar

Rev 1.0 - 17 October 2016

PRODUCT CODE - 315-WB

1. Identification of the substance/mixture and of the company/undertaking

PRODUCT IDENTIFIER

- Product form Mixture
- Product name 315 Polymer Waterbar
- Product code 315
- Description Hydrophilic swell strip consisting of an acrylate based polymer swelling substance embedded in a butylene copolymer based thermoplastic elastomer
- 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

RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

RELEVANT IDENTIFIED USES

- Industrial/Professional use spec Waterproofing

USES ADVISED AGAINST

No additional information available

2. Hazards identification

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

- Classification according to Regulation (EC) No. 1272/2008 [CLP] Skin Corr. 1B H314. Full text of H-phrases: see section 16

ADVERSE PHYSICOCHEMICAL, HUMAN HEALTH AND ENVIRONMENTAL EFFECTS

No additional information available

LABEL ELEMENTS

LABELLING ACCORDING TO REGULATION (EC) NO. 1272/2008 [CLP]

- Signal word (CLP) Danger
- Hazardous ingredients Calcium oxide
- Hazard statements (CLP) H315 - Causes skin irritation
H318 - Causes serious eye damage
H335 - May cause respiratory irritation
- Precautionary statements (CLP) P501 - Dispose of contents/container to a hazardous or special waste collection point

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OTHER HAZARDS

No additional information available

3. Composition/information on ingredients

SUBSTANCE

Not applicable

MIXTURE

NAME	PRODUCT IDENTIFIER	%	CLASSIFICATION ACCORDING TO DIRECTIVE 67/548/EEC
Calcium oxide	(CAS No) 1305-78-8 (EC no) 215-138-9	5 - 10	C; R34 R14

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4. First aid measures

DESCRIPTION OF FIRST AID MEASURES

- First-aid measures after skin contact After contact with molten product, cool skin area rapidly with cold water
- First-aid measures after eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- First-aid measures after ingestion Rinse mouth. Drink plenty of water. Call a POISON CENTRE/doctor/physician if you feel unwell

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

No additional information available

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No additional information available

5. Firefighting measures

EXTINGUISHING MEDIA

- Suitable extinguishing media Powder, alcohol-resistant foam, carbon dioxide (CO₂). Water spray

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

- Hazardous decomposition products in case of fire Carbon dioxide. Carbon monoxide. Toxic gases are released

ADVICE FOR FIREFIGHTERS

- Protection during firefighting Do not enter fire area without proper protective equipment, including respiratory protection

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6. Accidental release measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

- General measures Remove ignition sources

FOR NON-EMERGENCY PERSONNEL

No additional information available

FOR EMERGENCY RESPONDERS

No additional information available

ENVIRONMENTAL PRECAUTIONS

Prevent entry to sewers and public waters

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

No additional information available

REFERENCE TO OTHER SECTIONS

See also sections 8 and 13

7. Handling and storage

PRECAUTIONS FOR SAFE HANDLING

- Precautions for safe handling Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Keep away from sources of ignition - No smoking
- Hygiene measures Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

- Storage conditions Keep container closed when not in use
- Storage area Store away from heat
- Special rules on packaging Keep only in original container

SPECIFIC END USE(S)

Refer to the technical directions.

8. Exposure controls/personal protection

CONTROL PARAMETERS

No additional information available

EXPOSURE CONTROLS

- Personal protective equipment Gloves. Protective clothing. Safety glasses



- Hand protection Protective gloves
- Eye protection Chemical goggles or safety glasses
- Skin and body protection Wear suitable protective clothing

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9. Physical and chemical properties

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

• Physical state	Solid
• Colour	No data available
• Odour	Odourless
• Odour threshold	No data available
• pH	No data available
• Relative evaporation rate (butylacetate=1)	No data available
• Melting point	No data available
• Freezing point	No data available
• Boiling point	No data available
• Flash point	No data available
• Auto-ignition temperature	No data available
• decomposition temperature	No data available
• Flammability (solid, gas)	No data available
• Vapour pressure	No data available
• Relative vapour density at 20 °C	No data available
• Relative density	No data available
• Density	1,24 g/cm ³
• Solubility	No data available
• Log Pow	No data available
• Viscosity, kinematic	No data available
• Viscosity, dynamic	No data available
• Explosive properties	No data available
• Oxidising properties	No data available
• Explosive limits	No data available

OTHER INFORMATION

No additional information available

10. Stability and reactivity

REACTIVITY

Stable under normal conditions

CHEMICAL STABILITY

No additional information available

POSSIBILITY OF HAZARDOUS REACTIONS

No additional information available

CONDITIONS TO AVOID

Open flame. High temperatures. Heat. Sparks

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INCOMPATIBLE MATERIALS

No additional information available

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon dioxide. Carbon monoxide. On burning: release of toxic gases/vapours

11. Toxicological information

INFORMATION ON TOXICOLOGICAL EFFECTS

PC ELASTOSWELL

LD50 oral rat > 5000 mg/kg

LD50 dermal rat > 2000 mg/kg

- Skin corrosion/irritation Not classified
- Serious eye damage/irritation Slightly irritant but not relevant for classification
- Respiratory or skin sensitisation Not classified
- Germ cell mutagenicity Not classified
- Carcinogenicity Not classified
- Reproductive toxicity Not classified
- Specific target organ toxicity (single exposure) Not classified
- Specific target organ toxicity (repeated exposure) Not classified
- Aspiration hazard Not classified

12. Ecological information

TOXICITY

No additional information available

PERSISTENCE AND DEGRADABILITY

No additional information available

BIOACCUMULATIVE POTENTIAL

No additional information available

MOBILITY IN SOIL

No additional information available

RESULTS OF PBT AND VPVB ASSESSMENT

No additional information available

OTHER ADVERSE EFFECTS

No additional information available

13. Disposal considerations

WASTE TREATMENT METHODS

- Regional legislation (waste) Disposal must be done according to official regulations

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14. Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

UN NUMBER

Not regulated for transport

UN PROPER SHIPPING NAME

- Proper Shipping Name (ADR) Not applicable
- Proper Shipping Name (IMDG) Not applicable
- Proper Shipping Name (IATA) Not applicable
- Proper Shipping Name (ADN) Not applicable
- Proper Shipping Name (RID) Not applicable

TRANSPORT HAZARD CLASS(ES)

ADR

- Transport hazard class(es) (ADR) Not applicable

IMDG

- Transport hazard class(es) (IMDG) Not applicable

IATA

- Transport hazard class(es) (IATA) Not applicable

ADN

- Transport hazard class(es) (ADN) Not applicable

RID

- Transport hazard class(es) (RID) Not applicable

• Packing group

• Packing group (ADR) Not applicable

• Packing group (IMDG) Not applicable

• Packing group (IATA) Not applicable

• Packing group (ADN) Not applicable

• Packing group (RID) Not applicable

ENVIRONMENTAL HAZARDS

- Dangerous for the environment No
- Marine pollutant No
- Other information No supplementary information available

SPECIAL PRECAUTIONS FOR USER

OVERLAND TRANSPORT

TRANSPORT BY SEA

AIR TRANSPORT

INLAND WATERWAY TRANSPORT

- Not subject to ADN No

RAIL TRANSPORT

- Carriage prohibited (RID) No

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TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE

Not applicable

15. Regulatory information

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

EU-REGULATIONS

No REACH Annex XVII restrictions

Contains no substance on the REACH candidate list

NATIONAL REGULATIONS

No additional information available

CHEMICAL SAFETY ASSESSMENT

No additional information available

16. Other information

Full text of R-, H- and EUH-phrases:

Skin Corr. 1B	Skin corrosion/irritation, Category 1B
H314	Causes severe skin burns and eye damage
R14	Reacts violently with water
R34	Causes burns
C	Corrosive