

Rev 3.0 - 12 December 2019

PRODUCT CODE - SX306

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

### PRODUCT IDENTIFIER

- Product form Mixture
- Product name Newton 306 LeakSeal
- Product code SX306

### 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

- Description Liquid, swelling sealing kit, packed in a 320ml cartridge
- Company Address Newton Waterproofing Systems, Newton House, 17-20 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. Hazards identification

### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Classification according to Regulation (EC) No. 1272/2008 [CLP]

- Flam. Liq. 2 H225
- Acute Tox. 4 (Inhalation/vapour) H332
- Skin Irrit. 2 H315
- Eye Irrit. 2 H319
- Resp. Sens. 1 H334
- Skin Sens. 1 H317
- Carc. 2 H351
- Repr. 1B H360
- Lact. H362
- STOT SE 1 H370
- STOT RE 1 H372
- Aquatic Chronic 2 H411

Full text of H-statements: see section 16

# NEWTON 306 LEAKSEAL

## Swelling Adhesive Mastic

### LABEL ELEMENTS

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

#### Hazard pictograms (CLP)



- Signal word (CLP) Danger
- Hazardous ingredients Alkanes, C14-17, chloro, chlorinated paraffins, C14-17, xylene, ethylbenzene, m-Tolylidene diisocyanate
- Hazard statements (CLP)
  - H225 - Highly flammable liquid and vapour
  - H315 - Causes skin irritation
  - H317 - May cause an allergic skin reaction
  - H319 - Causes serious eye irritation
  - H332 - Harmful if inhaled
  - H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
  - H351 - Suspected of causing cancer
  - H360 - May damage fertility or the unborn child
  - H362 - May cause harm to breast-fed children
  - H370 - Causes damage to organs
  - H372 - Causes damage to organs through prolonged or repeated exposure
  - H411 - Toxic to aquatic life with long lasting effects
- Precautionary statements (CLP)
  - P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
  - P260 - Do not breathe dust, fume, gas, mist, spray, vapours
  - P280 - Wear eye protection, protective clothing, protective gloves
  - P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.  
Rinse skin with water/shower
  - P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
  - P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
  - P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

### OTHER HAZARDS

No additional information available

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### 3. Composition/information on ingredients

#### SUBSTANCE

Not applicable

#### MIXTURE

NAME	PRODUCT IDENTIFIER	%	CLASSIFICATION ACCORDING TO DIRECTIVE 67/548/EEC	CLASSIFICATION ACCORDING TO REGULATION (EC) NO. 1272/2008 [CLP]
Calcium carbonate	(CAS No) 471-34-1 (EC no) 207-439-9	20 - 25	Xi; R36	Eye Irrit. 2, H319
Alkanes, C14-17, chloro, chlorinated paraffins, C14-17	(CAS No) 85535-85-9 (EC no) 287-477-0 (EC index no) 602-095-00-X	10 - 20	R64 R66 N; R50/53	Lact., H362 Aquatic Acute 1, H400 Aquatic Chronic 1, H41
Solvent naphtha (petroleum), heavy aromatic	(CAS No) 64742-94-5 (EC no) 265-198-5 (EC index no) 649-424-00-3	3 - 6	Xn; R65	Asp. Tox. 1, H304
Titanium dioxide	(CAS No) 13463-67-7 (EC no) 236-675-5	2 - 4	Not classified	Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 1, H372
Xylene	(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9	0,7 - 1,5	R10 Xn; R20/21 Xi; R38	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:- dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Repr. 1B, H360 STOT SE 3, H336 STOT SE 1, H370 STOT RE 1, H372
Ethylbenzene	(CAS No) 100-41-4 (EC no) 202-849-4 (EC index no) 601-023-00-4	0,7 - 1,5	F; R11 Xn; R20 Xn; R65 Xn; R48/20	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation:- dust,mist), H332 Eye Irrit. 2, H319 Carc. 2, H351 Repr. 1B, H360 STOT SE 3, H335 STOT SE 2, H371 STOT RE 2, H373 Asp. Tox. 1, H304
m-Tolyldiene diisocyanate	(CAS No) 26471-62-5 (EC no) 247-722-4 (EC index no) 615-006-00-4	0,4 - 0,6	Not classified	Acute Tox. 1 (Inhalation:vapour), H330 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 Aquatic Chronic 3, H412
Naphthalene	(CAS No) 91-20-3 (EC no) 202-049-5 (EC index no) 601-052-00-2	0,1 - 0,5	0,5 Carc.Cat.3; R40 Xn; R22 N; R50/53	Acute Tox. 4 (Oral), H302 Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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### SPECIFIC CONCENTRATION LIMITS:

NAME	PRODUCT IDENTIFIER	SPECIFIC CONCENTRATION LIMITS:DSD/DPD	SPECIFIC CONCENTRATION LIMITS:CLP
Xylene	CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9	(C >= 12,5) Xn;R20/21	

Full text of R- and H-statements: see section 16

## 4. First aid measures

### DESCRIPTION OF FIRST AID MEASURES

- First-aid measures after inhalation Allow breathing of fresh air. If you feel unwell, seek medical advice
- First-aid measures after skin contact Wash with plenty of soap and water
- First-aid measures after eye contact Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist
- First-aid measures after ingestion Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Obtain emergency medical attention

### MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

- Symptoms/injuries after inhalation Harmful if inhaled
- Symptoms/injuries after skin contact May cause an allergic skin reaction
- Symptoms/injuries after eye contact Causes serious eye irritation
- Symptoms/injuries after ingestion May be harmful if swallowed

### INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

None.

## 5. Firefighting measures

### EXTINGUISHING MEDIA

- Suitable extinguishing media Dry powder. Carbon dioxide. Foam
- Unsuitable extinguishing media Do not use a heavy water stream

### SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

- Reactivity in case of fire Release of harmful/irritant gases/vapours (carbon monoxide - carbon dioxide)

### ADVICE FOR FIREFIGHTERS

- Firefighting instructions Prevent fire-fighting water from entering environment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers
- Protection during firefighting Do not enter fire area without proper protective equipment, including respiratory protection

## 6. Accidental release measures

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

- General measures Ensure adequate ventilation

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## Swelling Adhesive Mastic

### FOR NON-EMERGENCY PERSONNEL

- Emergency procedures Evacuate unnecessary personnel

### FOR EMERGENCY RESPONDERS

- Protective equipment Equip clean-up crew with proper protection

### ENVIRONMENTAL PRECAUTIONS

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters

### METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

- Methods for cleaning up Collect spills and put it into appropriated container

### REFERENCE TO OTHER SECTIONS

See also sections 8 and 13.

## 7. Handling and storage

### PRECAUTIONS FOR SAFE HANDLING

- Precautions for safe handling Do not eat, drink or smoke when using this product. Use personal protective equipment as required
- 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 in a cool, well-ventilated place. Keep container closed when not in use
- Storage temperature 5 - 25 °C
- Storage area Store in a well-ventilated place.
- 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. Safety glasses. Protective clothing

Hand protection

Protective gloves

Eye protection

Chemical goggles or safety glasses

Skin and body protection

Wear suitable protective clothing

Respiratory protection

In case of inadequate ventilation wear respiratory protection



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## Swelling Adhesive Mastic

### 9. Physical and chemical properties

#### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

• Physical state	Liquid
• Appearance	Pasty liquid
• Colour	Grey
• Odour	No data available
• 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	1,23
• Solubility	No data available
• Log Pow	No data available
• Viscosity, kinematic	No data available
• Viscosity, dynamic	175000 (100000 - 250000) mPa.s
• 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	Reacts with water
• Chemical stability	Stable under normal conditions
• Possibility of hazardous reactions	No additional information available
• Conditions to avoid	High temperatures. Open flame
• Incompatible materials	Oxidizing agent
• Hazardous decomposition products	No additional information available

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## Swelling Adhesive Mastic

### 11. Toxicological information

#### INFORMATION ON TOXICOLOGICAL EFFECTS

- Acute toxicity Inhalation: vapour: Harmful if inhaled

ATE CLP (VAPOURS)	16,266 MG/L/4H
Titanium dioxide (13463-67-7)	
LD50 oral rat	> 5000 mg/kg
LC50 inhalation rat (mg/l)	> 6,82 mg/l/4h
m-Tolylidene diisocyanate (26471-62-5)	
LD50 oral rat	3060 mg/kg
LD50 dermal rabbit	10000 mg/kg
LC50 inhalation rat (Vapours - mg/l/4h)	0,099 mg/l/4h
Xylene (1330-20-7)	
LD50 oral rat	3500 mg/kg
LD50 dermal rabbit	4350 mg/kg
LC50 inhalation rat (Vapours - mg/l/4h)	29,08 mg/l/4h
Ethylbenzene (100-41-4)	
LD50 oral rat	3500 mg/kg
LD50 dermal rabbit	15400 mg/kg
LC50 inhalation rat (mg/l)	17,2 mg/l

Skin corrosion/irritation	Causes skin irritation
Serious eye damage/irritation	Causes serious eye irritation
Respiratory or skin sensitisation	May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction
Germ cell mutagenicity	Not classified
Carcinogenicity	Suspected of causing cancer
Reproductive toxicity	May damage fertility or the unborn child. May cause harm to breast-fed children
Specific target organ toxicity (single exposure)	Causes damage to organs
Specific target organ toxicity (repeated exposure)	Causes damage to organs through prolonged or repeated exposure
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

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## Swelling Adhesive Mastic

### 13. Disposal considerations

#### WASTE TREATMENT METHODS

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

### 14. Transport information

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

- UN number
- UN-No. (ADR) -
- UN-No. (IMDG) Not applicable
- UN-No. (IATA) Not applicable
- UN-No. (ADN) Not applicable
- UN-No. (RID) Not applicable

#### 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 document description (ADR) UN ----, ENVIRONMENTALLY HAZARDOUS

#### 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





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## Swelling Adhesive Mastic

### 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 Yes
- Marine pollutant Yes
- Other information No supplementary information available

### SPECIAL PRECAUTIONS FOR USER

- Overland transport No data available
- Transport by sea MFAG-No : 153
- Air transport No data available
- Inland waterway transport Not subject to ADN : No
- Rail transport Carriage prohibited (RID) : No

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

Not applicable

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### 15. Regulatory information

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

- EU-Regulations  
Contains no REACH substances with Annex XVII restrictions  
Contains no substance on the REACH candidate list  
Contains no REACH Annex XIV substances

#### NATIONAL REGULATIONS

##### Germany

- VwVwS Annex reference  
Water hazard class (WGK) 3, severe hazard to waters (Classification according to VwVwS, Annex 4)
- 12th Ordinance Implementing the Federal Emission Control Act - 12.BImSchV  
Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

##### Netherlands

- SZW-lijst van kankerverwekkende stoffen  
Alkanes, C14-17, chloro, chlorinated paraffins, C14-17, Solvent naphtha (petroleum), heavy aromatic are listed
- SZW-lijst van mutagene stoffen  
Alkanes, C14-17, chloro, chlorinated paraffins, C14-17, Solvent naphtha (petroleum), heavy aromatic are listed
- NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding  
Alkanes, C14-17, chloro, chlorinated paraffins, C14-17 is listed
- NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid  
None of the components are listed
- NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling  
Xylene is listed

##### DENMARK

- Recommendations Danish  
Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

#### CHEMICAL SAFETY ASSESSMENT

No additional information available

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## Swelling Adhesive Mastic

### 16. Other information

#### 16.1 Full text of R-, H- and EUH-statements:

Features	Result
Acute Tox. 1 (Inhalation: vapour)	Acute toxicity (inhalation:vapour) Category 1
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Inhalation: vapour)	Acute toxicity (inhalation:vapour) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Lact.	Reproductive toxicity, Additional category, Effects on or via lactation
Repr. 1B	Reproductive toxicity, Category 1B
Resp. Sens. 1	Sensitisation — Respiratory, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, Category 1
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 1	Specific target organ toxicity — single exposure, Category 1
STOT SE 2	Specific target organ toxicity — Single exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H330	Fatal if inhaled
H332	Harmful if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer

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Features	Result
H360	May damage fertility or the unborn child
H362	May cause harm to breast-fed children
H370	Causes damage to organs
H371	May cause damage to organs
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
R10	Flammable
R11	Highly flammable
R20	Harmful by inhalation
R20/21	Harmful by inhalation and in contact with skin
R22	Harmful if swallowed
R36	Irritating to eyes
R38	Irritating to skin
R40	Limited evidence of a carcinogenic effect
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R64	May cause harm to breastfed babies
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking
F	Highly flammable
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful

### 16.2 Basis of this SDS

The data reported here are based on the manufacturer's SDS which is based on information contained in the safety data sheets of the raw materials that make up the product

### 16.3 Changes Compared to the Previous Version

Date	Replaces	Sections	Item	Change	Comment
12/12/19	2.2	Title	Product name	Re-branded	
		16	Sub sections 16.2 to 16.7	Added	Read

### 16.4 Key literature and sources of data

Regulation (EC) 1907/2006  
Regulation (EC) No. 1272/2008  
Regulation (EU) No. 2015/830  
Supplier SDS  
ECHA, including REACH dossier for component substances  
EH40/2005 3rd Edition, 2018

### 16.5 Abbreviations & Acronyms

ATE: Acute Toxicity Estimate  
CLP: EU Regulation 1272/2008: Classification, Labelling & packaging of chemical substances

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EUH statement: CLP-specific Hazard statement

LC50: Lethal concentration, 50% affected

LD50: Lethal dose, 50% affected

N/A: Not Applicable

NDA: No Data Available

PBT: Persistent, Bioaccumulative and Toxic substances

vPvB: Very Persistent and very Bioaccumulative substances

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals: Regulation (EC) No 1907/2006

SDS: Safety Data Sheet

STOT RE: Specific target organ toxicity (from) repeated exposure

STOT SE: Specific target organ toxicity (from) single exposure

### 16.6 Training advice

Obtain special instructions and read the Safety Data Sheet before use. Do not handle until all safety precautions have been read and understood. It is recommended that workers are trained in the safe handling of hazardous chemicals

### 16.7 DISCLAIMER

Persons using the information contained here must make their own determinations as to the suitability of the relevant product for their purposes prior to use. Where these purposes are other than as specifically recommended in this Safety Data Sheet and in the Technical Data Sheet, then the user uses the product at their own risk

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their own particular use