

Rev 2.0 - 23 October 2015

PRODUCT CODE - SX308M

## 1. Identification of the Substance/Mixture and of the Company/Undertaking

### PRODUCT IDENTIFIER

- Trade name Newton 308 Stopaq Mortar

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

- Sector of use SU22: Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- Product category PC9b: Fillers, putties, plasters, modelling clay
- Process category PROC19: Hand-mixing with intimate contact and only PPE available
- Environmental release category ERC8c: Wide dispersive indoor use resulting in inclusion into or onto a matrix  
ERC8f: Wide dispersive outdoor use resulting in inclusion into or onto a matrix
- Application of the substance / the mixture Sealant
- Uses advised against -

### DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

- 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. Hazards Identification

### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE


- Classification according to Regulation (EC) No 1272/2008  
GHS07  
Skin Irrit. 2 H315 Causes skin irritation.  
Eye Irrit. 2 H319 Causes serious eye irritation  
Skin Sens. 1 H317 May cause an allergic skin reaction  
STOT SE 3 H335 May cause respiratory irritation
- Classification according to Directive 67/548/EEC or Directive 1999/45/EC  
Xi; Irritant  
R36/37/38: Irritating to eyes, respiratory system and skin  
Xi; Sensitising  
R43: May cause sensitisation by skin contact
- 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

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- 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 Regulation (EC) No 1272/2008 Hazard pictograms: GHS07 
- Signal word Warning
- Hazard-determining components of labelling Cement, portland, chemicals
- Hazard statements H315 Causes skin irritation  
H319 Causes serious eye irritation  
H317 May cause an allergic skin reaction  
H335 May cause respiratory irritation
- Precautionary statements P101 If medical advice is needed, have product container or label at hand  
P102 Keep out of reach of children  
P103 Read label before use  
P261 Avoid breathing dust  
P261 Avoid breathing fume  
P261 Avoid breathing mist  
P280 Wear protective gloves/protective clothing/eye protection/face protection  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor  
P301+P312 IF SWALLOWED: Call a doctor if you feel unwell  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention  
P405 Store locked up  
P403+P233 Store in a well-ventilated place. Keep container tightly closed  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations

### OTHER HAZARDS

- Results of PBT and vPvB assessment Not available

## 3. Composition/Information on Ingredients

### CHEMICAL CHARACTERISATION: MIXTURES

- Description Mixture of substances listed below with nonhazardous additions

Chemical Name	Index No.	CAS No.	EC No.	REACH	Conc.	Classification
Portland cement		65997-15-1	266-043-4		25-50%	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335
Quartz (SiO <sub>2</sub> )		14808-60-7	238-878-4		2.5-5.0%	STOT RE 2, H373
Calcium dihydroxide		1305-62-0	215-137-3		1.0-2.5%	Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335
Alumina cement		65997-16-2	266-045-5		1.0-2.5%	Eye Irrit. 2, H319

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

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### 4. First Aid Measures

#### DESCRIPTION OF FIRST AID MEASURES

- After inhalation Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation
- After skin contact Immediately rinse with water. If skin irritation continues, consult a doctor
- After eye contact Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor
- After swallowing If symptoms persist consult 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. Firefighting Measures

- Suitable extinguishing agents CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam
- Special hazards arising from the substance or mixture  
No further relevant information available

#### ADVICE FOR FIREFIGHTERS

- Protective equipment Wear self-contained respiratory protective device. Wear fully protective suit

### 6. Accidental Release Measures

- Personal precautions, protective equipment and emergency procedures  
Ensure adequate ventilation. Wear protective clothing
- Environmental precautions  
No special measures required
- Methods and material for containment and cleaning up  
Ensure adequate ventilation
- 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

- Precautions for safe handling  
No special precautions are necessary if used correctly
- Information about fire - and explosion protection  
The product is not flammable

#### STORAGE

- Requirements to be met by storerooms and receptacles  
No special requirements
- Information about storage in one common storage facility  
Store away from foodstuffs
- Further information about storage conditions  
Store in cool, dry conditions in well sealed receptacles. Store receptacle in fume cupboard. Protect from humidity and water
- Specific end use(s)  
No further relevant information available

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### 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	WEL (GREAT BRITAIN)	IOELV (EU)
65997-15-1 Portland cement	Long-term value: 10* 4** mg/m <sup>3</sup> *inhalable dust **respirable dust	
1305-62-0 Calcium dihydroxide	Long-term value: 5 mg/m <sup>3</sup>	Long-term value: 5 mg/m <sup>3</sup>

- Additional information The lists valid during the making were used as basis

#### EXPOSURE CONTROLS

- General protective and hygienic measures  
Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. Do not inhale dust / smoke / mist
- Respiratory protection  
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device
- 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:  
**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   
Tightly sealed goggles
- Body protection  
Protective work clothing

### 9. Physical and Chemical Properties

- |                             |                |
|-----------------------------|----------------|
| Form                        | Powder         |
| Colour                      | Grey           |
| Odour                       | Odourless      |
| Odour threshold             | Not determined |
| pH-value at 20°C            | > 9            |
| Melting point/Melting range | Undetermined   |
| Boiling point/Boiling range | Undetermined   |

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- Flash point Not applicable
- Flammability (solid, gaseous) Not determined
- Ignition temperature Not determined
- Decomposition temperature Not determined
- Self-igniting Product is not self igniting
- Danger of explosion Product does not present an explosion hazard
- Lower explosion limit Not determined
- Upper explosion limit Not determined
- Vapour pressure Not applicable
- Density Not determined
- Relative density Not determined
- Vapour density Not applicable
- Evaporation rate Not applicable
- Solubility in / Miscibility with water Soluble
- Partition coefficient (n-octanol/water) Not determined
- Dynamic viscosity Not applicable
- Kinematic viscosity Not applicable
- Organic solvent content 0.0 %
- VOC content (EC) 0.00 %
- Solids content 100.0 %
- Other information No further relevant information available

### 10. Stability and Reactivity

- 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

- Acute toxicity

Acute toxicity	LD50 value relevant for classification (Oral)	LD50 value relevant for classification (Dermal)
ATE (Acute Toxicity Estimates)	66667 mg/kg (rat)	74074 mg/kg
1305-62-0 Calcium dihydroxide	>2000 mg/kg (rat) (OECD 425)	>2500 mg/kg (rabbit)
65997-16-2 Alumina cement	>2000 mg/kg (rat) (OECD 423)	>2000 mg/kg (rat) (OECD 423)

- Primary irritant effect on the skin Irritant to skin and mucous membranes
- Primary irritant effect on the eye Irritating effect
- Sensitisation Sensitisation possible through skin contact

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- Additional toxicological information The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Irritant

### 12. Ecological Information

- Aquatic toxicity

Aquatic toxicity	EC50/48h	EC50/72h	LC50/96h
1305-62-0 Calcium dihydroxide	49.1 mg/l (Daphnia magna) (OECD 202)	184.57 mg/l (Algae - Pseudokirchneriella subcapitata) (OECD 201)	50.6 mg/l (Fish - Oncorhynchus mykiss) (OECD 203)
65997-16-2 Alumina cement	5.4 mg/l (Daphnia magna) (OECD 202)	3.6 mg/l (Algae - Desmodesmus subspicatus) (OECD 201)	>100 mg/l (Fish - Brachydanio rerio) (OECD 203)

- Persistence and degradability No further relevant information available
- Bioaccumulative potential No further relevant information available
- Mobility in soil No further relevant information available
- 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 Not available
- Other adverse effects No further relevant information available

### 13. Disposal Considerations

- Waste treatment methods Must not be disposed together with household garbage. Do not allow product to reach sewage system
- Uncleaned packaging 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
- 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

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### 15. Regulatory Information

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

- Substances of very high concern (SVHC) according to REACH, Article 57  
None of the ingredients is listed
- Chemical safety assessment A Chemical Safety Assessment has not been carried out

### 16. Other Information

- Relevant phrases  
This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H318 Causes serious eye damage  
H319 Causes serious eye irritation  
H335 May cause respiratory irritation  
H373 May cause damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalative  
R20 Harmful by inhalation  
R36 Irritating to eyes  
R36/37/38 Irritating to eyes, respiratory system and skin  
R37/38 Irritating to respiratory system and skin  
R41 Risk of serious damage to eyes  
R43 May cause sensitisation by skin contact  
R48 Danger of serious damage to health by prolonged exposure