

## System 100

## NEWTON 107F (Part A)

## Cementitious Flexible Waterproofing Membrane



Rev 1.0 - 24 August 2015

PRODUCT CODE - 107F

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

- Product name: Newton 107F (Part A)
- Description: Two-pack reactive performance coatings for specific end use such as floors.
- 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

- Main Hazards: No Significant Hazard.

## LABEL ELEMENTS

Not required.

- Risk phrases: No Significant Hazard.

## OTHER HAZARDS

- Other hazards: The product is classified as non-hazardous.

## 3. Composition/Information on Ingredients

- Substances: Not applicable.

## 4. Description of First Aid Measures

## DESCRIPTION OF FIRST AID MEASURES

- Inhalation: Move the exposed person to fresh air. If you feel unwell, seek medical advice (show the label where possible).
- Eye contact: Rinse immediately with plenty of water for 15 minutes holding the eyelids open. If you feel unwell, seek medical advice (show the label where possible).
- Skin contact: Wash with soap and water. If you feel unwell, seek medical advice (show the label where possible).
- Ingestion: Rinse mouth thoroughly. If you feel unwell, seek medical advice (show the label where possible). If swallowed, seek medical advice immediately and show this MSDS.

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

- Inhalation: No known adverse health effects. No Significant Hazard.
- Eye contact: No known adverse health effects. No Significant Hazard.
- Skin contact: No known adverse health effects. No Significant Hazard.

# NEWTON 107F (Part A)

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- Ingestion No known adverse health effects. No Significant Hazard
- INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED
- Not required.

### 5. Fire-Fighting Measures

- Extinguishing media This product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions.
- Special hazards arising from the substance or mixture None.
- Advice for firefighters The product is classified as non-hazardous. This product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions.

### 6. Accidental Release Measures

- Personal precautions, protective equipment and emergency procedures Wear suitable protective equipment.
- Environmental precautions Do not empty into drains; dispose of this material and its container in a safe way.
- Methods and material for containment and cleaning up Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Dispose of in compliance with all local and national regulations.
- Reference to other sections See SECTION 8: Exposure controls/personal protection, SECTION 13: Disposal considerations for further information.

### 7. Handling and Storage

- Precautions for safe handling Adopt best Manual Handling considerations when handling, carrying and dispensing.
- Conditions for safe storage, including any incompatibilities Store in a cool, dry area. Keep container tightly closed and in a well-ventilated place. Protect from frost.
- Specific end use(s) Restricted to professional users.

### 8. Exposure Control / Personal Protection

- Control parameters Not normally required.
- EXPOSURE CONTROLS
- Appropriate engineering controls Ensure adequate ventilation of the working area.
  - Individual protection measures Adopt best Manual Handling considerations when handling, carrying and dispensing. Use appropriate personal protective equipment.
  - Environmental exposure controls Not normally required.

# NEWTON 107F (Part A)

## Cementitious Flexible Waterproofing Membrane

### 9. Physical and Chemical Properties

#### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

• State	Liquid
• Colour	Off white
• Odour	Slight
• Melting point	Not applicable
• Freezing point	Not applicable
• Boiling point	Not applicable
• Evaporation rate	Not applicable
• Vapour pressure	Not applicable
• Vapour density	Not applicable
• Fat solubility	Not applicable
• Partition coefficient	Not applicable
• Viscosity	Not applicable
• pH	7 - 9
• Relative density	1 - 1.03 (Water = 1 @ 20°)
• Flammability limits	Not applicable
• Vapour flammability	Not applicable
• Flash point	Not applicable
• Explosive	Not applicable
• Oxidising	Not applicable
• Autoignition temperature	Not applicable
• Solubility	= Miscible in water

#### OTHER INFORMATION

- VOC (Volatile organic compounds) < 1.76 g/l

### 10. Stability and Reactivity

• Reactivity	Stable under normal conditions
• Chemical stability	Stable under normal conditions
• Possibility of hazardous reactions	None
• Conditions to avoid	None
• Incompatible materials	None
• Hazardous decomposition products	None

### 11. Toxicological Information

- Information on toxicological effects No data is available on this product.
- Toxicological information No data available.

# NEWTON 107F (Part A)

## Cementitious Flexible Waterproofing Membrane

### 12. Ecological Information

- |                                      |                                      |
|--------------------------------------|--------------------------------------|
| • Toxicity                           | No data available                    |
| • Persistence and degradability      | No data is available on this product |
| • Bioaccumulative potential          | No data is available on this product |
| • Mobility in soil                   | No data is available on this product |
| • Results of PBT and vPvB assessment | No data is available on this product |
| • Other adverse effects              | No data is available on this product |

### 13. Disposal Considerations

- |                           |   |
|---------------------------|---|
| • Waste treatment methods | Do not empty into drains; dispose of this material and its container in a safe way. Dispose of contents/container to local and national regulations.<br>EWC. 08 02 99 wastes not otherwise specified.<br>Disposal of packaging. 15 01 02 plastic packaging. |
|---------------------------|---|

### 14. Transport Information

- |           |  |
|-----------|--|
| • ADR/RID | The product is not classified as dangerous for carriage. |
| • IMDG    | The product is not classified as dangerous for carriage. |
| • IATA    | The product is not classified as dangerous for carriage. |

### 15. Regulatory Information

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

- |               |  |
|---------------|--|
| • Regulations | COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. |
|---------------|--|

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

CHEMICAL SAFETY ASSESSMENT

Not required

# NEWTON 107F (Part A)

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### 16. Other Information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.

- Maximum content of VOC 1.76 g/l.

## System 100

## NEWTON 107F (Part B)

## Cementitious Flexible Waterproofing Membrane

Rev 1.0 - 24 August 2015

PRODUCT CODE - 107F

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

- Product name: Newton 107F (Part B)
- Description: Two-pack reactive performance coatings for specific end use such as floors.
- 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

- Main Hazards: No Significant Hazard.

## LABEL ELEMENTS

Not required.

- Risk phrases: No Significant Hazard.

## OTHER HAZARDS

- Other hazards: The product is classified as non-hazardous.

## 3. Composition/Information on Ingredients

- Substances: Not applicable
- Mixtures:

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS-No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Calcined Kaolin		92704-41-1	296-473-8		1 - 10%	
Crystalline Silica		14808-60-7	238-878-4		50 - 80%	
Dolomite		16389-88-1	240-440-2		1 - 10%	

## 4. First Aid Measures

## DESCRIPTION OF FIRST AID MEASURES

- Inhalation: Move the exposed person to fresh air. If you feel unwell, seek medical advice (show the label where possible).
- Eye contact: Rinse immediately with plenty of water for 15 minutes holding the eyelids open. If you feel unwell, seek medical advice (show the label where possible).

# NEWTON 107F (Part B)

## Cementitious Flexible Waterproofing Membrane

- Skin contact Wash with soap and water. If you feel unwell, seek medical advice (show the label where possible).
- Ingestion Rinse mouth thoroughly. If you feel unwell, seek medical advice (show the label where possible). If swallowed, seek medical advice immediately and show this MSDS.

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

- Inhalation No known adverse health effects. No Significant Hazard.
- Eye contact No known adverse health effects. No Significant Hazard.
- Skin contact No known adverse health effects. No Significant Hazard.
- Ingestion No known adverse health effects. No Significant Hazard.

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

Not required

## 5. Fire-Fighting Measures

- Extinguishing media This product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions.
- Special hazards arising from the substance or mixture  
None
- Advice for firefighters The product is classified as non-hazardous. This product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions.

## 6. Accidental Release Measures

- Personal precautions, protective equipment and emergency procedures  
Avoid raising dust. Wear suitable protective equipment.
- Environmental precautions  
Avoid raising dust. Do not empty into drains; dispose of this material and its container in a safe way.
- Methods and material for containment and cleaning up  
Transfer to suitable, labelled containers for disposal. Dispose of in compliance with all local and national regulations.
- Reference to other sections  
See SECTION 8: Exposure controls/personal protection, SECTION 13: Disposal considerations for further information.

## 7. Handling and Storage

- Precautions for safe handling  
Adopt best Manual Handling considerations when handling, carrying and dispensing.
- Conditions for safe storage, including any incompatibilities  
Store in a cool, dry area. Keep container tightly closed and in a well-ventilated place. Protect from frost.
- Specific end use(s)  
Not applicable.

# NEWTON 107F (Part B)

## Cementitious Flexible Waterproofing Membrane

### 8. Exposure Control/Personal Protection

- Control parameters Not normally required.
- Exposure Limit Values

Calcined Kaolin	WEL 8-hr limit ppm: WEL 15 min limit ppm:	WEL 8-hr limit mg/m <sup>3</sup> : 10 WEL 15 min limit mg/m <sup>3</sup> :
Crystalline Silica	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m <sup>3</sup> : 0.1 WEL 15 min limit mg/m <sup>3</sup> : -
Dolomite	WEL 8-hr limit ppm: WEL 15 min limit ppm:	WEL 8-hr limit mg/m <sup>3</sup> : 4 WEL 15 min limit mg/m <sup>3</sup> :

#### EXPOSURE CONTROLS

- Appropriate engineering controls Ensure adequate ventilation of the working area.
- Individual protection measures Adopt best Manual Handling considerations when handling, carrying and dispensing. Use appropriate personal protective equipment.
- Environmental exposure controls Not normally required.

### 9. Physical and Chemical Properties

#### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

- State Powder
- Colour Grey
- Odour Characteristic
- Fat solubility Not determined
- Partition coefficient Not determined
- pH > 12
- Melting point Not applicable
- Freezing point Not applicable
- Boiling point Not applicable
- Flash point Not applicable
- Evaporation rate Not applicable
- Flammability limits Not applicable
- Vapour flammability Not applicable
- Vapour pressure Not applicable
- Vapour density Not applicable
- Relative density Not applicable
- Autoignition temperature Not applicable
- Viscosity Not applicable
- Explosive Not applicable
- Oxidising Not applicable
- Solubility = Miscible in water

#### OTHER INFORMATION

None applicable.



# NEWTON 107F (Part B)

## Cementitious Flexible Waterproofing Membrane

### 10. Stability and Reactivity

- Reactivity Stable under normal conditions.
- Chemical stability Stable under normal conditions.
- Possibility of hazardous reactions None.
- Conditions to avoid None.
- Incompatible materials None.
- Hazardous decomposition products None.

### 11. Toxicological Information

- Information on toxicological effects No data is available on this product.
- Toxicological information No data available.

### 12. Ecological Information

- Toxicity No data available.
- Persistence and degradability No data is available on this product.
- Bioaccumulative potential No data is available on this product.
- Mobility in soil No data is available on this product.
- Results of PBT and vPvB assessment No data is available on this product.
- Other adverse effects No data is available on this product.

### 13. Disposal Considerations

- Waste treatment methods Do not empty into drains; dispose of this material and its container in a safe way. Dispose of contents/container to local and national regulations.  
EWC. 08 02 01 waste coating powders.  
Disposal of packaging. 15 01 02 plastic packaging.

### 14. Transport Information

- ADR/RID The product is not classified as dangerous for carriage.
- IMDG The product is not classified as dangerous for carriage.
- IATA The product is not classified as dangerous for carriage.

### 15. Regulatory Information

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- Regulations COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

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- Chemical safety assessment

Not required.

### 16. Other Information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.