

DampSafe 809-HP DPC

High Performance Physical Damp Proof Course

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Identifier

- Product name Newton 809-DPC
- Product code 809DPC

Relevant identified uses of the substance and uses advised against

- Use of substance/mixture High load physical damp proof course

Details of the Supplier of the Material Safety Data Sheet

- Company Address Newton Waterproofing Systems, Newton House, 17-20 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: 08:00/17:30 (GMT) Mon-Thur & 08:00/17:00 (GMT) Fri

2. HAZARDS IDENTIFICATION

- Refer to Section 16 for The explanation of the abbreviations used throughout this MSDS
The full list of Hazard Phrases stated throughout this MSDS

2.1 Classification of the Substance or Mixture Product Identifier

- Classification under CLP Not hazardous to health when stored, handled and used in compliance with the following sections here
- Most important adverse effects If in a fire, melted material may adhere to skins and cause burns

2.2 Label Elements

N/A

2.3 Other Hazards

- PBT / vPvB NDA
- Other Hazards During wet and freezing weather conditions the surface of the DPC membrane may become slippery to foot traffic

3. COMPOSITION/INFORMATION ON INGREDIENTS

- 3.3 Article Manufactured from a blend of ethylene co-polymers and inorganic fillers and pigments
Chemical family: Polyolefin
Does not contain Substances of Very High Concern (SVHC). All ingredients REACH registered
Formed into sheets during production to achieve the designed use, and in rolls sized for installation
- Hazardous Substances Does not contain Substances of Very High Concern (SVHC). All ingredients are REACH registered
- NB Please also refer to SECTION 8 Personal Protection / Exposure Controls

DampSafe 809-HP DPC

High Performance Physical Damp Proof Course

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

- Skin contact Wash hands after use
- Eye contact Treat as foreign body, irrigate with eye wash or clean water
- Ingestion Remove from mouth, do not swallow
- Inhalation No risk

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

- Skin contact NDA
- Eye contact NDA
- Ingestion NDA
- Inhalation NDA
- Delayed / immediate effects NDA

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

- Immediate / special treatment NDA

5. FIRE-FIGHTING MEASURES

- 5.1 Extinguishing Media Dry powder, carbon dioxide, foam
WATER MUST NOT BE USED

5.2 Special Hazards Arising from the Material

Combustion products will include toxic gases such as carbon monoxide and hydrocarbons

- 5.3 Advice for Firefighters Wear breathing apparatus in confined spaces

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Refer to Section 8 of the MSDS for personal protection details

Personal Precautions: None in the 'as received' condition

- 6.2 Environmental Precautions N/A

6.3 Methods and Materials for Containment and Cleaning Up

Re-stack usable product on pallet or in bin. Sweep up any cuttings, place these and any unusable remnants into waste container for disposal as Section 13

- 6.4 Reference to Other Sections Refer to Section 8 of the MSDS

7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling

- a. Safe handling Do not eat, drink or smoke when handling. Wash hands after using the material

Avoid contact with naked flame or other ignition sources

- b. Prevention of handling incompatible substances or mixtures

Do not handle other substances or mixtures at the same time. Keep away from other substances and mixtures

DampSafe 809-HP DPC

High Performance Physical Damp Proof Course

c. Operations and conditions that could create new risks

NDA

d. Reduce risk of release to the environment

NDA

7.2 Conditions for Safe Storage, Including Any Incompatibilities

a. Storage conditions Store under cool, dry conditions and protect from extremes of temperature such as freezing and direct heat

b. Control of the effects of compatibilities weather, ambient pressure, temperature, sunlight, humidity and vibration
Protect from direct sunlight

c. Storage with other substances and mixtures
Store in the original packaging. Store in outer containers against falling / touching other materials and in an allocated location

d. Storage room design, quantity limits, ventilation and packaging compatibilities
Storage room to be dry, cool and well ventilated

e. Other considerations Ensure identification labelling is visible at all times

7.3 Specific End Use(es) High load physical damp proof course

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters N/A

8.2 Exposure Controls

8.2.1 Appropriate Engineering Controls N/A

8.2.2 Personal Protective Equipment

a. Eye / face protection Safety glasses with side protection EN166. Ensure eye bath facilities are available

b. Skin protection

(i) Hand Protection

Material of gloves

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC, this being repealed by EU 2016/425 on 21/04/2018, and the resultant standard EN 374

The selection of the suitable gloves does not only depend upon the material, but also further marks of quality and varies from manufacturer to manufacturer

Break through, and other characteristics, depending upon material density and the glove type, and must be determined in each case

Gloves must be inspected prior to each time used and must be replaced when damaged or worn out

Gloves to protect against cuts when cutting and forming the DPC and abrasions, and to be suitable for protection against mortar if also laying brickwork, block-work, etc

Penetration time of gloves

N/A regarding the DPC

(ii) Other

Protective clothing

Safety shoes / boots

Good hygiene measures should be followed at all time

c. Respiratory protection N/A

d. Thermal hazards N/A

DampSafe 809-HP DPC

High Performance Physical Damp Proof Course

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

• Appearance	
(i) State	Solid sheet in roll form
(ii) Colour	Black
• Odour	Non-distinguishable
• Odour threshold	N/A
• pH	N/A
• Melting point/range °C	95°C
• Freezing point/range °C	N/A
• Initial boiling point/range °C	N/A
• Flash point/self-ignition °C	N/A
• Evaporation rate	N/A
• Flammability (solid, gas)	NDA
• Flammability limits, lower %	NDA
• Flammability limits, upper %	NDA
• Auto flammability °C	Approximately 850°C
• Decomposition temperature	N/A
• Explosive properties	N/A
• Oxidising properties	N/A
• Vapour pressure	N/A
• Vapour density	N/A
• Relative density	0.95 g/cm ³
• Solubility in water	Insoluble
• Partition coefficient n-octanol/water	NDA
• Also soluble in	NDA
• Viscosity	N/A
• VOC g/l	N/A
9.2 Other Information	N/A

10. STABILITY AND REACTIVITY

10.1 Reactivity	N/A
10.2 Chemical Stability	Chemically stable
10.3 Possibility of Hazardous Reactions	None
10.4 Conditions to Avoid	Direct heat / naked flame, strong oxidising agents
10.5 Incompatible Materials to Avoid	N/A
10.6 Hazardous Decomposition Products	Thermal decomposition giving carbon oxides and water

DampSafe 809-HP DPC

High Performance Physical Damp Proof Course

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

- Acute toxicity

Hazardous ingredients

Hazardous Ingredient	Test	Result
Ethylene co-polymer	Oral RAT LD50	>2,500 mg/kg

Relevant hazards for product

Hazard	Route	Basis
N/A	-	-

Excluded hazards for product

Hazard	Route	Basis
Skin corrosion / irritation	-	N/A
Serious eye damage/irritation	-	N/A
Respiratory or skin sensitisation	-	N/A
Germ cell mutagenicity	-	NDA
Carcinogenicity	-	N/A
Reproductive toxicity	-	NDA
STOT single exposure	-	NDA
STOT repeated exposure	-	NDA
Aspiration hazard	-	N/A
Delayed / immediate effects	-	N/A

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity Not biodegradable

12.2 Persistence and Biodegradability NDA

12.3 Bioaccumulative Potential NDA

12.4 Mobility in Soil NDA

12.5 Results of PBT & vPvT Assessment NDA

12.6 Other Adverse Effects NDA

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

- Recovery operations Treat as SECTION 6: Accidental Release Measures
- Disposal operations At approved waste collection sites as landfill or incinerate
- Disposal of packaging Recyclable paper wrapping on delivered rolls
- Waste code number 17 09 04
- Special precautions for the disposal method N/A

NB The user's attention is drawn to the possible existence of regional or national regulations regarding disposal

DampSafe 809-HP DPC

High Performance Physical Damp Proof Course

14. TRANSPORT INFORMATION

14.1 UN Number	None
14.2 UN Proper Shipping Name	NDA
14.3 Transportation Hazard Class(es)	NDA
14.4 Packing Group	N/A
14.5 Environmental Hazards	N/A
14.6 Special Precautions for User	Not dangerous cargo. Keep separate from food stuffs
14.7 Transport in Bulk According to:	
(i) Annex II of Marpol	N/A
(ii) the IBC Code	N/A

15. REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance, Mixture or Article	COMMISSION REGULATION (EU) No 2015/830 of 28/05/2015 amend Regulation (EC) No 1907/2006 and repealing (EU) 453/2010 20 May 2010 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.
15.2 Chemical Safety Assessment	NDA

16. OTHER INFORMATION

Other Information	This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830. 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
Phrases Used in Sections 2 & 3	N/A
Notice	The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications have not the meaning of guarantees on properties. 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.
Abbreviations & Acronyms	MSDS: Material Safety Data Sheet N/A: Not Applicable NDA: No Data Available LD50: Lethal Dose, 50% affected STOT: Specific Target Organ Toxicity
Changes Compared to the Previous Version	An asterisk (*) to the left side indicates that there is a change to the previous version