System 800 **NEWTON 809-DPC** High Load Physical Damp Proof Course



Rev 1.0 - 13 March 2018

PRODUCT CODE - 809DPC

1	1. Identification of the Substa	ance/Mixture and of the Company/Undertaking			
	Product Identifier				
	Product name	Newton 809-DPC			
	Product code	809DPC			
	Relevant identified uses of the substa	nce and uses advised against			
(「)	• Use of substance/mixture	High load physical damp proof course			
Ž	Details of the Supplier of the Material Safety Data Sheet				
PROOFING	Company Address	Newton Waterproofing Systems, Newton House, 17-20 Sov Tonbridge, Kent TN9 1RH			
$\widetilde{\bigcirc}$	• Web	www.newtonwaterproofing.co.uk			
PR(• Email address of the competent po	erson info@newtonwaterproofing.co.uk			
Δ_	Emergency telephone number	+44 (0)1732 360 095: 08:00/17:30 (GMT) Mon-Thur & 08:0			
DAMP	2. Hazards Identification				
\square	• Refer to Section 16 for	The explanation of the abbreviations used throughout this			
I		The full list of Hazard Phrases stated throughout this MSD			
\bigcirc	2.1 Classification of the Substance or	Mixture Product Identifier			
800	Classification under CLP	Not hazardous to health when stored, handled and used ir the following sections here			
\geq	Most important adverse effects	If in a fire, melted material may adhere to skins and cause			
цці I	2.2 Label Elements	N/A			
H	2.3 Other Hazards				
SYSTEM	• PBT / vPvB	NDA			
S Z	Other Hazards	During wet and freezing weather conditions the surface of membrane may become slippery to foot traffic			
ΓΟΝ	3. Composition/information	on ingredients			
NEWT	3.3 Article	Manufactured from a blend of ethylene co-polymers and in and pigments			
		Chemical family: Polyolefin			
		Does not contain Substances of Very High Concern (SVHC) REACH registered			

www.newtonwaterproofing.co.uk etent person info@newtonwaterproofing.co.uk nber +44 (0)1732 360 095: 08:00/17:30 (GMT) Mon-Thur & 08:00/17:00 (GMT) Fri n The explanation of the abbreviations used throughout this MSDS The full list of Hazard Phrases stated throughout this MSDS ance or Mixture Product Identifier Not hazardous to health when stored, handled and used in compliance with the following sections here ffects If in a fire, melted material may adhere to skins and cause burns N/A NDA During wet and freezing weather conditions the surface of the DPC membrane may become slippery to foot traffic ation on ingredients 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

Newton Waterproofing Systems, Newton House, 17-20 Sovereign Way,

Hazardous Substances Does not contain Substances of Very High Concern (SVHC). All ingredients are REACH registered

Please also refer to SECTION 8 Personal Protection / Exposure Controls

NB

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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

PROOFING

DAMP

Newton system 800 - |

Dry powder, carbon dioxide, foam 5.1 Extinguishing Media 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 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 Safe handling Do not eat, drink or smoke when handling. Wash hands after using a. 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

C.	c. Operations and conditions that could create new risks			
		NDA		
d.	Reduce risk of release to the enviror	nment		
		NDA		
7.2	Conditions for Safe Storage, Includ	ing 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 compatibility	ties weather, ambient pressure, temperature, sunlight, humidity and vibration		
		Protect from direct sunlight		
C.	Storage with other substances and r	nixtures		
		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	s, 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	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		

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9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

• Appearance

NEWTON SYSTEM 800 - DAMP PROOFING

Ū.	Appearance	
	(i) State	Solid sheet in roll form
	(ii) Colour	Black
•	Odour	Non-distinguishable
•	Odour threshold	N/A
•	рН	N/A
•	Melting point/range °C	95°C
•	Freezing point/range °C	N/A
•	Initial boiling point/range °C	N/A
٠	Flash point/self-ignition °C	N/A
•	Evaporation rate	N/A
٠	Flammability (solid, gas)	NDA
٠	Flammability limits, lower %	NDA
•	Flammability limits, upper %	NDA
٠	Auto flammability °C	Approximately 850°C
٠	Decomposition temperature	N/A
٠	Explosive properties	N/A
٠	Oxidising properties	N/A
٠	Vapour pressure	N/A
٠	Vapour density	N/A
٠	Relative density	0.95 g/cm ³
٠	Solubility in water	Insoluble
٠	Partition coefficient n-octanol/water	NDA
٠	Also soluble in	NDA
٠	Viscosity	N/A
٠	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	

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

٠	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

NEWTON SYSTEM 800 - DAMP PROOFING

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

(a trading name of John Newton & Co. Ltd.)

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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

15.2 Chemical Safety Assessment	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. 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 Ve	Ar sion An asterisk (*) to the left side indicates that there is a change to the previous version