

HydroCoat 107 Elastic 2K Part A

Cementitious Flexible Waterproofing Membrane

Revision: 2.6 - 22th February 2023

Code: 107F

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

Product Identifier

- Product form Mixture
- Product name HydroCoat 107 Elastic 2K
- Product codes 107F

Relevant identified uses of the substance and uses advised against

- Use of substance/mixture Professional application of coatings and inks
- Uses advised against All Other Uses

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
- Email address of the competent person info@newtonwaterproofing.co.uk
- Emergency telephone numbers Newton Waterproofing systems - English language
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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

- Product definition : Mixture

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

- Skin Sens. 1, H317
- Aquatic Chronic 3, H412

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

- See Section 16 for the full text of the H statements declared above.
- See Section 11 for more detailed information on health effects and symptoms.

2.2 Label Elements

- Hazard pictograms



- Signal words Warning
- Hazard statements May cause an allergic skin reaction.
Harmful to aquatic life with long lasting effects.

Precautionary statements

- General Not applicable.
- Prevention Wear protective gloves. Avoid release to the environment. Avoid breathing vapour.

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- Response IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical attention.
- Storage Not applicable.
- Disposal Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Hazardous ingredients 1,2-benzisothiazol-3(2H)-one
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
- Supplemental label elements Wear appropriate respirator when ventilation is inadequate.
- Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : Not applicable.

2.3 Other Hazards

- Other hazards which do not result in classification None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Other Hazards

- Mixtures : Mixture

Product/ingredient name	Identifiers	% by weight	Classification Regulation (EC) No. 1272/2008 [CLP]	Nota (s)	Type
1,2-benzisothiazol-3(2H)-one	EC: 220-120-9 CAS: 2634-33-5 Index: 613-088-00-6	≤0.1	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)	-	[1]
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	EC: 911-418-6 CAS: 55965-84-9 Index: 613-167-00-5	<0.0015	Acute Tox. 3, H301 Acute Tox. 2, H310 Acute Tox. 2, H330 Skin Corr. 1C, H314 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100) EUH071 See Section 16 for the full text of the H statements declared above.	-	[1]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

- Type:
- 1: Substance classified with a health or environmental hazard
 - 2: Substance with a workplace exposure limit
 - 3: Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
 - 4: Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
 - 5: Substance of equivalent concern

Occupational exposure limits, if available, are listed in Section 8.

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4. FIRST AID MEASURES

4.1 Description of First Aid Measures

- General In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.
- Eye contact Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
- Inhalation Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Seek medical attention.
- Skin contact Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Seek medical attention if irritation persists. Do NOT use solvents or thinners.
- Ingestion If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.
- Protection of first-aiders No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Potential acute health effects:

- Eye contact No known significant effects or critical hazards.
- Inhalation No known significant effects or critical hazards.
- Skin contact May cause an allergic skin reaction.
- Ingestion No known significant effects or critical hazards.

Over-exposure signs / symptoms:

- Eye contact No specific data
- Inhalation No specific data
- Skin contact Adverse symptoms may include the following:
irritation
redness
- Ingestion No specific data

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

- Notes to physician Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments No specific treatment.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

- Suitable extinguishing media Use an extinguishing agent suitable for the surrounding fire
- Unsuitable extinguishing media None known

5.2 Special Hazards Arising from the Material

- Hazards from the substance or mixture In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life with long lasting

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effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

- Hazardous thermal decomposition products

No specific data

5.3 Advice for Firefighters

- Special protective actions for fire-fighters
- Special protective equipment for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

- Non-emergency personnel
- For emergency responders

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental Precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

6.3 Methods and Materials for Containment and Cleaning Up

- Small spill
- Large spill

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

6.4 Reference to Other Sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

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7. HANDLING AND STORAGE

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for Safe Handling

- Protective measures Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

7.3 Specific End Use(es)

- Recommendations Not available.
- Industrial sector specific solutions Not available.

8. PERSONAL PROTECTION/EXPOSURE CONTROL

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control Parameters

- Occupational exposure limits No exposure limit value known.
- Recommended monitoring procedures If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs / DMELs No DNELs / DMELs available

PNECs No PNECs available

8.2 Exposure Controls

- Appropriate Engineering Controls Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection measures

- Hygiene measures Wash hands, forearms and face thoroughly after handling chemical products,

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before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

- Eye/face protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. Use eye protection according to EN 166, designed to protect against liquid splashes. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safetyglasses with side-shields.

Skin protection

- Hand protection

Use chemical resistant gloves classified under Standard EN 374: Protective gloves against chemicals and micro-organisms. Recommended: Viton® or Nitrile gloves. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended.

When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to:

Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier. Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

- Body protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. EN ISO 13688

- Other skin protection

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary according to EN529. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

Appearance

• Physical state	Liquid
• Colour	White
• Odour	Faint odour
• Odour threshold	Not available.
• pH	7
• Melting point/freezing point	Not available.
• Initial boiling point and boiling range	Lowest known value: 100°C (212°F) (water)
• Flash point/self-ignition °C	Closed cup: 101°C
• Evaporation rate	Not available.
• Flammability (solid, gas)	Not available.
• Upper/lower flammability or explosive limits	Not available.
• Vapour pressure	Not available.
• Vapour density	Not available.
• Relative density	1.037
• Solubility(ies)	Soluble in the following materials: cold water.
• Partition coefficient n-octanol/water	Not available.
• Auto-ignition temperature	Not available.
• Decomposition temperature	Not available.
• Viscosity	Kinematic (room temperature): 1875 mm ² /s
• Explosive properties	Not available.
• Oxidising properties	Not available.

9.2 Other Information No additional information.

10. STABILITY AND REACTIVITY

10.1 Reactivity	No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical Stability	The product is stable.
10.3 Possibility of Hazardous Reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to Avoid	No specific data
10.5 Incompatible Materials	No specific data
10.6 Hazardous Decomposition	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Acute toxicity

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Product/ingredient name	Result	Species	Dose	Exposure
1,2-benzisothiazol-3(2H)-one	LD50 Oral	Rat	1,020 mg/kg	-
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	LD50 Oral	Rat	53 mg/kg	-

- Conclusion: Not available.

Irritation / Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
1,2-benzisothiazol-3(2H)-one	Skin - Mild irritant	Human	-	48 hours 5 Percent	-
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	Skin - Severe irritant	Human	-	0.01 Percent	-

- Conclusion: Not available.

Sensitisation

- Conclusion/Summary : Not available.

Mutagenicity

- Conclusion/Summary : Not available.

Carcinogenicity

- Conclusion/Summary : Not available.

Reproductive toxicity

- Conclusion/Summary : Not available.

Teratogenicity

- Conclusion/Summary : Not available.

Specific target organ toxicity (single exposure)

- Not available.

Specific target organ toxicity (repeated exposure)

- Not available.

Aspiration hazard

- Not available.

Information on likely routes of exposure

- Not available.

Potential acute health effects

- Eye contact - No known significant effects or critical hazards
- Inhalation - No known significant effects or critical hazards
- Skin contact- May cause an allergic skin reaction.
- Ingestion - No known significant effects or critical hazards

Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact - No specific data
- Inhalation - No specific data
- Skin contact- Adverse symptoms may include the following:
irritation
redness
- Ingestion - No specific data

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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short-term exposure

- Potential immediate effects Not available.
- Potential delayed effects Not available.

Long-term exposure

- Potential immediate effects Not available.
- Potential delayed effects Not available.

Potential chronic health effects

Not available.

- Conclusion Not available.
- General Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
- Carcinogenicity No known significant effects of critical hazards
- Mutagenicity No known significant effects of critical hazards
- Teratogenicity No known significant effects of critical hazards
- Developmental effects No known significant effects of critical hazards
- Fertility effects No known significant effects of critical hazards

Other information Not available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
1,2-benzisothiazol-3(2H)-one	Acute EC50 1.5 mg/l	Daphnia - Daphnia magna	48 hours
	Acute EC50 97 ppb Fresh water	Daphnia - Daphnia magna	48 hours
	Acute IC50 0.067 mg/l	Algae - Pseudokirchneriella subcapitata	72 hours
	Acute LC50 > 10 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia	48 hours
	Acute LC50 1.3 mg/l	Fish - Ochorhynchus mykiss	96 hours
	Acute LC50 167 ppb Fresh water	Fish - Oncorhynchus mykiss	96 hours

Conclusion / Summary Not available.

12.2 Persistence and Biodegradability

Conclusion / Summary Not available.

12.3 Bioaccumulative Potential

Not available.

12.4 Mobility in Soil

Soil/water partition coefficient (K_{oc}) Not available.

Mobility Not available.

12.5 Results of PBT & vPvT Assessment

PBT Not applicable.

vPvB Not applicable.

12.6 Other Adverse Effects No known significant effects or critical hazards

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13. DISPOSAL CONSIDERATIONS

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste Treatment Methods

Product

Methods of disposal

The generation of waste should be avoided or minimised wherever possible.

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

- Hazardous waste

The classification of the product may meet the criteria for a hazardous waste.

Packaging

- Methods of disposal
- Special precautions

Dispose of containers contaminated by the product in accordance with local or national legal provisions. This material and its container must be disposed of as hazardous waste. Dispose of via a licensed waste disposal contractor.

This material and its container must be disposed of in a safe way.

Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

14. TRANSPORT INFORMATION

	ADR/RID	IMDG	IATA
14.1 UN number	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-
14.3 Transport hazard class(es)	-	-	-
14.4 Packing group	-	-	-
14.5 Environmental hazards	No.	No.	No.
Additional information	-	-	-

IMDG Code Segregation group

Not applicable.

14.6 Special Precautions for User

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in Bulk

Not available.

According to according Annex II of Marpol and the IBC Code

15. REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance, Mixture

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

Substances of very high concern

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None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Not applicable.

Other EU regulations

Europe inventory Not determined.

Special packaging requirements

Containers to be fitted with child-resistant fastenings Not applicable.

Tactile warning of danger Not applicable.

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

National regulations

References Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II and Regulation (EC) No. 1272/2008 (CLP)

15.2 Chemical Safety Assessment No Chemical Safety Assessment has been carried out.

16. OTHER INFORMATION

Indicates information that has changed from previously issued version.

Abbreviations and acronyms

ATE = Acute Toxicity Estimate
 CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
 DMEL = Derived Minimal Effect Level
 DNEL = Derived No Effect Level
 EUH statement = CLP-specific Hazard statement
 PBT = Persistent, Bioaccumulative and Toxic
 PNEC = Predicted No Effect Concentration
 RRN = REACH Registration Number
 vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Skin Sens. 1, H317	Calculation method
Aquatic Chronic 3, H412	Calculation method

Full text of abbreviated H statements

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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Full text of classifications [CLP/GHS]

Acute Tox. 2, H310	ACUTE TOXICITY (dermal) - Category 2
Acute Tox. 2, H330	ACUTE TOXICITY (inhalation) - Category 2
Acute Tox. 3, H301	ACUTE TOXICITY (oral) - Category 3
Acute Tox. 4, H302	ACUTE TOXICITY (oral) - Category 4
Aquatic Acute 1, H400	ACUTE AQUATIC HAZARD - Category 1
Aquatic Chronic 1, H410	LONG-TERM AQUATIC HAZARD - Category 1
Aquatic Chronic 3, H412	LONG-TERM AQUATIC HAZARD - Category 3
EUH071	Corrosive to the respiratory tract.
Eye Dam. 1, H318	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
Skin Corr. 1C, H314	SKIN CORROSION/IRRITATION - Category 1C
Skin Irrit. 2, H315	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1, H317	SKIN SENSITIZATION - Category 1
Skin Sens. 1A, H317	SKIN SENSITIZATION - Category 1A

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IMPORTANT NOTE: the information contained in this data sheet (as may be amended from time to time) is not intended to be exhaustive and is presented in good faith and believed to be correct as of the date on which it is prepared. It is the user's responsibility to verify that this data sheet is current prior to using the product to which it relates.

Persons using the information must make their own determinations as to the suitability of the relevant product for their purposes prior to use. Where those purposes are other than as specifically recommended in this safety data sheet, then the user uses the product at their own risk.

MANUFACTURER'S DISCLAIMER: the conditions, methods and factors affecting the handling, storage, application, use and disposal of the product are not under the control and knowledge of the manufacturer. Therefore the manufacturer does not assume responsibility for any adverse events which may occur in the handling, storage, application, use, misuse or disposal of the product and, so far as permitted by applicable law, the manufacturer expressly disclaims liability for any and all loss, damages and/or expenses arising out of or in any way connected to the storage, handling, use or disposal of the product. Safe handling, storage, use and disposal are the responsibility of the users. Users must comply with all applicable health and safety laws.

HydroCoat 107 Elastic 2K Part B

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

Product Identifier

- Product form Mixture
- Product name HydroCoat 107 Elastic 2K
- Product codes 107F

Relevant identified uses of the substance and uses advised against

- Use of substance/mixture Professional application of coatings and inks
- Uses advised against All Other Uses

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
- Email address of the competent person info@newtonwaterproofing.co.uk
- Emergency telephone numbers Newton Waterproofing systems - English language
+44 (0)1732 360095/08:00-17:30 (GMT) Mon-Thur & 08:00-17:00 (GMT) Fri

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Product definition : Mixture

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

Not classified.

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 11 for more detailed information on health effects and symptoms.

See Section 16 for the full text of the H statements declared above.

2.2 Label Elements

- Signal words No signal word.
- Hazard statements No known significant effects or critical hazards.

Precautionary statements

- General Not applicable.
- Prevention Not applicable.
- Response Not applicable.
- Storage Not applicable.
- Disposal Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements Wear appropriate respirator when ventilation is inadequate.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Not applicable.

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2.3 Other Hazards

Other hazards which do not result in classification: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Other Hazards

- Mixtures : Mixture

Product/ingredient name	Identifiers	% by weight	Classification Regulation (EC) No. 1272/2008 [CLP]	Nota (s)	Type
crystalline silica	EC: 238-878-4 CAS: 14808-60-7	≥50 - ≤75	Not classified.	-	[2]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

Type: 1: Substance classified with a health or environmental hazard
2: Substance with a workplace exposure limit
3: Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
4: Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
5: Substance of equivalent concern

Occupational exposure limits, if available, are listed in Section 8.

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

- General In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.
- Eye contact Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
- Inhalation Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Seek medical attention.
- Skin contact Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Seek medical attention if irritation persists. Do NOT use solvents or thinners.
- Ingestion If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.
- Protection of first-aiders No action shall be taken involving any personal risk or without suitable training.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Potential acute health effects:

- Eye contact No known significant effects or critical hazards.
- Inhalation No known significant effects or critical hazards..
- Skin contact No known significant effects or critical hazards.
- Ingestion No known significant effects or critical hazards.

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Over-exposure signs / symptoms:

- Eye contact No specific data.
- Inhalation No specific data.
- Skin contact No specific data.
- Ingestion No specific data.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

- Notes to physician Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments No specific treatment.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

- Suitable extinguishing media Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media None known.

5.2 Special hazards arising from the substance or mixture

- Hazards from the substance or mixture No specific fire or explosion hazard
- Hazardous thermal decomposition products Decomposition products may include: carbon dioxide, carbon monoxide, metal oxide / oxides

5.3 Advice for Firefighters

- Special protective actions for fire-fighters Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

- For non-emergency personnel No action shall be taken involving any personal risk or without suitable training.
Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
- For emergency responders If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental Precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and Materials for Containment and Cleaning Up

- Small spill Move containers from spill area. Vacuum or sweep up material and place in a

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- Large spill designated, labelled waste container. Dispose of via a licensed waste disposal contractor.
Move containers from spill area. Prevent entry into sewers, water courses basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.
- 6.4 Reference to Other Sections**
- See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

7. HANDLING AND STORAGE

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for Safe Handling

- Protective measures Put on appropriate personal protective equipment (see Section 8).
- Advice on general occupational hygiene Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

7.3 Specific End Use(es)

- Recommendations Not available.
- Industrial sector specific solutions Not available.

8. PERSONAL PROTECTION/EXPOSURE CONTROL

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control Parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
crystalline silica	EH40/2005 WELs (United Kingdom (UK), 12/2011). TWA: 0.1 mg/m ³ 8 hours. Form: respirable dust

- Recommended monitoring procedures If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

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DNELs / DMELs

No DNELs / DMELs available

PNECs

No PNECs available

8.2 Exposure Controls

- Appropriate Engineering Controls Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection measures

- Hygiene measures Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.
Appropriate techniques should be used to remove potentially contaminated clothing.
Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. Use eye protection according to EN 166, designed to protect against liquid splashes. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

- Hand protection Use chemical resistant gloves classified under Standard EN 374: Protective gloves against chemicals and micro-organisms.
- Body protection Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. EN ISO 13688
- Other skin protection Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Environmental exposure controls Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

Appearance

- Physical state Solid. [powder]
- Colour Grey.
- Odour Odourless.
- Odour threshold Not available.
- pH Not applicable.

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- Melting point/freezing point Not available.
- Initial boiling point and boiling range Not available.
- Flash point/self-ignition °C Closed cup: 101°C
- Evaporation rate Not available.
- Flammability (solid, gas) Not available.
- Upper/lower flammability or explosive limits Not available.
- Vapour pressure Not available.
- Vapour density Not available.
- Relative density 2.71
- Solubility(ies) Soluble in the following materials: cold water.
- Partition coefficient n-octanol/water Not available.
- Auto-ignition temperature Not available.
- Decomposition temperature Not available.
- Viscosity Kinematic (room temperature): 999 mm²/s
- Explosive properties Not available.
- Oxidising properties Not available.

9.2 Other Information No additional information.

10. STABILITY AND REACTIVITY

- 10.1 Reactivity** No specific test data related to reactivity available for this product or its ingredients
- 10.2 Chemical Stability** The product is stable.
- 10.3 Possibility of Hazardous Reactions** Under normal conditions of storage and use, hazardous reactions will not occur
- 10.4 Conditions to Avoid** No specific data
- 10.5 Incompatible Materials** No specific data
- 10.6 Hazardous Decomposition Products** Under normal conditions of storage and use, hazardous decomposition products should not be produced

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Acute toxicity

- Conclusion/Summary : Not available.

Irritation / Corrosion

- Conclusion/Summary : Not available.

Sensitisation

- Conclusion/Summary : Not available.

Mutagenicity

- Conclusion/Summary : Not available.

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Carcinogenicity

- Conclusion/Summary : Not available.

Reproductive toxicity

- Conclusion/Summary : Not available.

Teratogenicity

- Conclusion/Summary : Not available.

Specific target organ toxicity (single exposure)

- Not available.

Specific target organ toxicity (repeated exposure)

- Not available.

Aspiration hazard

- Not available.

Information on likely routes of exposure

- Not available.

Potential acute health effects

- | | |
|----------------|---|
| • Eye contact | No known significant effects or critical hazards. |
| • Inhalation | No known significant effects or critical hazards. |
| • Skin contact | No known significant effects or critical hazards. |
| • Ingestion | No known significant effects or critical hazards. |

Symptoms related to the physical, chemical and toxicological characteristics

- | | |
|----------------|-------------------|
| • Eye contact | No specific data. |
| • Inhalation | No specific data. |
| • Skin contact | No specific data. |
| • Ingestion | No specific data. |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short-term exposure

- | | |
|-------------------------------|----------------|
| • Potential immediate effects | Not available. |
| • Potential delayed effects | Not available. |

Long-term exposure

- | | |
|-------------------------------|----------------|
| • Potential immediate effects | Not available. |
| • Potential delayed effects | Not available. |

Potential chronic health effects

- Not available.

Conclusion/Summary Not available.

- | | |
|-------------------------|--|
| • General | No known significant effects of critical hazards |
| • Carcinogenicity | No known significant effects of critical hazards |
| • Mutagenicity | No known significant effects of critical hazards |
| • Teratogenicity | No known significant effects of critical hazards |
| • Developmental effects | No known significant effects of critical hazards |
| • Fertility effects | No known significant effects of critical hazards |

Other information Not available.

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12. ECOLOGICAL INFORMATION

12.1 Toxicity

- Conclusion / Summary Not available.

12.2 Persistence and Biodegradability

- Conclusion / Summary Not available.

12.3 Bioaccumulative Potential

- Not available.

12.4 Mobility in Soil

- Soil/water partition coefficient (K_{oc}) Not available.
- Mobility Not available.

12.5 Results of PBT & vPvT Assessment

- PBT Not applicable.
- vPvB Not applicable.

12.6 Other Adverse Effects

No known significant effects or critical hazards

13. DISPOSAL CONSIDERATIONS

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste Treatment Methods

Product

Methods of disposal

The generation of waste should be avoided or minimised wherever possible.

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

- Hazardous waste Yes.

Waste code	Waste designation
08 02 01	waste coating powders

Packaging

- Methods of disposal Dispose of containers contaminated by the product in accordance with local or national legal provisions. Dispose of via a licensed waste disposal contractor. Incineration or landfill should only be considered when recycling is not feasible.
- Special precautions This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

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14. TRANSPORT INFORMATION

	ADR/RID	IMDG	IATA
14.1 UN number	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-
14.3 Transport hazard class(es)	-	-	-
14.4 Packing group	-	-	-
14.5 Environmental hazards	No.	No.	No.
Additional information	-	-	-

IMDG Code Segregation group

Not applicable.

14.6 Special Precautions for User

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in Bulk According to according to Annex II of Marpol and the IBC Code

Not available.

15. REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance, Mixture

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Not applicable.

Other EU regulations

Europe inventory

Not determined.

Special packaging requirements

Containers to be fitted with

child-resistant fastenings

Not applicable.

Tactile warning of danger

Not applicable.

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

National regulations

References

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II and Regulation (EC) No. 1272/2008 (CLP)

15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out.

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16. OTHER INFORMATION

Indicates information that has changed from previously issued version.

Abbreviations and acronyms

ATE = Acute Toxicity Estimate
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EUH statement = CLP-specific Hazard statement
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number
vPvB = Very Persistent and Very Bioaccumulative

Classification	Justification
Not classified.	

Full text of abbreviated H statements Not applicable.

Full text of classifications [CLP/GHS] Not applicable.

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IMPORTANT NOTE: the information contained in this data sheet (as may be amended from time to time) is not intended to be exhaustive and is presented in good faith and believed to be correct as of the date on which it is prepared. It is the user's responsibility to verify that this data sheet is current prior to using the product to which it relates.

Persons using the information must make their own determinations as to the suitability of the relevant product for their purposes prior to use. Where those purposes are other than as specifically recommended in this safety data sheet, then the user uses the product at their own risk.

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