

HydroCoat 313-WP

Waterplug - Fast Setting Polymer Compound

Revision: 3.5 - 28th January 2023

Code: 313-WP

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

Product Identifier

- Product name HydroCoat 313-WP
- Product codes 313-WP

Relevant identified uses of the substance and uses advised against

- Use of substance/mixture Waterproofing
- Uses advised against No additional information available

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

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

- Skin Irrit. 2 H315
- Eye Dam. 1 H318
- Skin Sens. 1B H317
- STOT SE 3 H335

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

May cause respiratory irritation. Causes skin irritation. Causes serious eye damage.

2.2 Label Elements

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

- Hazard pictograms



GHS05



GHS07

- Signal words (CLP) Danger
- Contains Cement Portland; Calcium oxide
- Hazard statements (CLP) H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.
H335 - May cause respiratory irritation.

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- Precautionary statements (CLP) P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3 Other Hazards

No additional information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

- Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Cement Portland	(CAS-No.) 65997-15-1	10 - < 25	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT SE 3, H335
Calcium oxide	(CAS-No.) 1305-78-8 (EC-No.) 215-138-9	2.5 – 10	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335

Full text of H- and EUH-statements: see section 16

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

- First-aid measures general
Call a poison center or a doctor if you feel unwell.
- First-aid measures after inhalation
Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. If you feel unwell, seek medical advice. Heartinfarct/cardiac arrest. Resuscitation may be indicated. Call a poison center or a doctor if you feel unwell.
- First-aid measures after skin contact
Wash with plenty of water/.... Wash skin with mild soap and water. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. Blisters. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact
Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Do not wear contact lenses. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
- First-aid measures after ingestion
Do NOT induce vomiting. Obtain emergency medical attention. Never give anything by mouth to an unconscious person. Call a poison center or a doctor if you feel unwell.

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4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms/effects after inhalation	May cause respiratory irritation.
• Symptoms/effects after skin contact	Causes skin irritation. Irritation.
• Symptoms/effects after eye contact	Causes serious eye irritation. Serious damage to eyes.
• Symptoms/effects after ingestion	May be harmful if swallowed.

4.3 Indication of any immediate medical attention and special treatment needed

None.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

• Suitable extinguishing media	ABC-powder. Water spray. Dry powder. Foam.
• Unsuitable extinguishing media	Water.

5.2 Special Hazards Arising from the Material

• Fire hazard	No fire hazard.
• Explosion hazard	No direct explosion hazard.
• Hazardous decomposition products in case of fire	Toxic fumes may be released.

5.3 Advice for Firefighters

• Firefighting instructions	Exercise caution when fighting any chemical fire.
• Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

• General measures	Ensure adequate ventilation. Carefully shovel or sweep up spilled material and place in suitable container.
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6.1.1. For non-emergency personnel

• Emergency procedures	Ventilate spillage area. Evacuate unnecessary personnel. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.
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6.1.2. For emergency responders

• Protective equipment	Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".
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6.2 Environmental Precautions

• Avoid release to the environment. Prevent liquid from entering sewers, watercourses, underground or low areas.
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6.3 Methods and Materials for Containment and Cleaning Up

• Methods for cleaning up	Mechanically recover the product. Collect spills and put it into appropriated container.
• Other information	Dispose of materials or solid residues at an authorized site.

6.4 Reference to Other Sections

See also sections 8 and 13. For further information refer to section 13.

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7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling

- Precautions for safe handling
Do not eat, drink or smoke when using this product. Work in a well-ventilated area. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment.
- Hygiene measures
Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions
Store in a dry place. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.
- Max. Storage Period
12 months
- Storage temperature
5 – 35 °C
- Heat and ignition sources
Remove all sources of ignition.
- Storage area
Store in a well-ventilated place.
- Special rules on packaging
Keep only in original container.

7.3 Specific End Use(es)

Refer to the technical directions.

8. PERSONAL PROTECTION/EXPOSURE CONTROL

8.1 Control Parameters

Calcium oxide (1305-78-8)	
DNEL/DMEL (Workers)	
Acute - local effects, inhalation	4 mg/m ³
Long-term - local effects, inhalation	1 mg/m ³
DNEL/DMEL (General population)	
Acute - local effects, inhalation	4 mg/m ³
Long-term - local effects, inhalation	1 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	0.37 mg/l
PNEC aqua (marine water)	0.24 mg/l
PNEC aqua (intermittent, freshwater)	0.37 mg/l
PNEC (Soil)	
PNEC soil	817.4 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	2.27 mg/l

8.2 Exposure Controls

- Appropriate engineering controls: Ensure good ventilation of the work station.
- Personal protective equipment: Gloves. Dust/aerosol mask. Safety glasses.

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Hand protection:
protective gloves
Eye protection:
Chemical goggles or safety glasses. Safety glasses
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
In case of inadequate ventilation wear respiratory protection.

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

• Physical state	Solid
• Appearance	Crystalline powder.
• Colour	Grey.
• Odour	odourless.
• Odour threshold	No data available
• pH	No data available
• pH solution	11 – 13.5
• Relative evaporation rate (butylacetate=1)	No data available
• Melting point	No data available
• Freezing point	Not applicable
• Boiling point	No data available
• Flash point	Not applicable
• Auto-ignition temperature	Not applicable
• Decomposition temperature	No data available
• Flammability (solid, gas)	Non flammable.
• Vapour pressure	No data available
• Relative vapour density at 20°C	No data available
• Relative density	1.8
• Density	1800 kg/m ³
• Solubility	No data available
• Partition coefficient n-octanol/water (Log Pow)	No data available
• Viscosity, kinematic	No data available

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- Viscosity, dynamic No data available
- Explosive properties No data available
- Oxidising properties No data available
- Explosive limits Not applicable

9.2. Other information

No additional information available

10. STABILITY AND REACTIVITY

- 10.1 Reactivity See section 7 of the SDS.
- 10.2 Chemical Stability Stable under recommended handling and storage conditions (see section 7).
- 10.3 Possibility of Hazardous Reactions No dangerous reactions known under normal conditions of use.
- 10.4 Conditions to Avoid None under recommended storage and handling conditions (see section 7).
- 10.5 Incompatible materials Moisture.
- 10.6 Hazardous Decomposition SECTION 10.

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

- Acute toxicity (oral) Not classified
- Acute toxicity (dermal) Not classified
- Acute toxicity (inhalation) Not classified

Relevant hazards for product

Calcium oxide (1305-78-8)	
LD50 oral rat	2000 mg/kg
LD50 dermal rabbit	2500 mg/kg

- Skin corrosion/irritation Causes skin irritation.
- Serious eye damage/irritation Causes serious eye damage.
- Respiratory or skin sensitisation May cause an allergic skin reaction.
- Germ cell mutagenicity Not classified
- Carcinogenicity Not classified
- Reproductive toxicity Not classified
- STOT-single exposure May cause respiratory irritation.
- STOT-repeated exposure Not classified
- Aspiration hazard Not classified

12. ECOLOGICAL INFORMATION

12.1 Toxicity

- Ecology - general The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
- Hazardous to the aquatic environment, short-term (acute) Not classified
- Hazardous to the aquatic environment, long-term (chronic) Not classified

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12.2 Persistence and Biodegradability

No additional information available

12.3 Bioaccumulative Potential

Low potential for bioaccumulation

12.4 Mobility in Soil

No additional information available

12.5 Results of PBT & vPvB Assessment

No additional information available

12.6 Other Adverse Effects

No additional information available

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

- Regional legislation (waste) Disposal must be done according to official regulations.
- Waste treatment methods Dispose of contents/container in accordance with licensed collector's sorting instructions.
- Additional information Consult the authorized waste service manager on the assesment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As Under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. we do not recommended disposal down drain. See paragraph 6.2.
- HP Code HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.
HP13 - "Sensitising:" waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs.

14. TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

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Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

15. REGULATORY INFORMATION

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

15.1.1. EU-Regulations

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

Contains no substance(s) listed on the REACH Candidate List

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

15.1.2. National regulations

Germany

Water hazard class (WGK)

WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV)

Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen

None of the components are listed

SZW-lijst van mutagene stoffen

None of the components are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding

None of the components are listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid

None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling

None of the components are listed

Denmark

Danish National Regulations

Young people below the age of 18 years are not allowed to use the product

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out

16. OTHER INFORMATION

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BLV	Biological limit value

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CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number
EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

Full text of H- and EUH-statements:	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1B	Skin sensitisation, category 1B
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.