Swelling Adhesive Mastic



Revision: 3.5 - 24th August 2023 Code: 306

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

Product identifier

Product form Mixture

Product name
 HydroTank 306 Swell Mastic

Product code
 306

Relevant identified uses of the substance or mixture and uses advised against

Industrial/Professional use spec
 Waterproofing

Uses advised against

No additional information available

Description
 Liquid, swelling sealing kit, packed in a 320ml cartridge

Details of the Supplier of the Material 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 number +44 (0)1732 360 095

9am - 5pm (GMT) Mon - Fri

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture Product Identifier

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

H411

Flam. Liq. 2 H225 Acute Tox. 4 (Inhalation/vapour) H332 Skin Irrit. 2 H315 Eye Irrit. 2 H319 Resp. Sens. 1 H334 Skin Sens. 1 H317 Carc. 2 H351 Repr. 1B H360 Lact. H362 STOT SE 1 H370 STOT RE 1 H372

Full text of H-statements: see section 16

Aquatic Chronic 2

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2.2 Label Elements

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

Hazard pictograms (CLP)









GHS02

GHS07

GHS08

GHS09

- Signal word (CLP)
- Hazardous ingredients
- Hazard statements (CLP)

Danger

Alkanes, C14-17, chloro, chlorinated paraffins, C14-17, xylene, ethylbenzene, m-Tolylidene diisocyanate

- H225 Highly flammable liquid and vapour
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H319 Causes serious eye irritation
- H332 Harmful if inhaled
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
- H351 Suspected of causing cancer
- H360 May damage fertility or the unborn child
- H362 May cause harm to breast-fed children
- H370 Causes damage to organs
- H372 Causes damage to organs through prolonged or repeated exposure
- H411 Toxic to aquatic life with long lasting effects
- Precautionary statements (CLP)
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
- P260 Do not breathe dust, fume, gas, mist, spray, vapours
- P280 Wear eye protection, protective clothing, protective gloves
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.
- Rinse skin with water/shower
- P304+P340 IF INHALED: Remove person to fresh air and keep 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
- 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

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance

This product is a mixture

3.1 Substance	This product is a	IIIIXture		
NAME	PRODUCT IDENTIFIER	%	CLASSIFICATION ACCORDING TO DIRECTIVE 67/548/EEC	CLASSIFICATION ACCORDING TO REGULATION (EC) NO. 1272/2008 [CLP]
Calcium Carbonate	(CAS No) 471-34-1 (EC no) 207-439-9	20 - 25	Xi; R36	Eye Irrit. 2, H319
Alkanes, C14-17, chloro, chlorinated paraffins, C14-17	(CAS No) 85535-85-9 (EC no) 287-477-0 (EC index no) 602-095- 00-X	10 - 20	R64 R66 N; R50/53	Lact., H362 Aquatic Acute 1, H400 Aquatic Chronic 1, H41
Solvent naphtha (petroleum), heavy aromaticv	(CAS No) 64742-94-5 (EC no) 265-198-5 (EC index no) 649-424- 00-3	3 - 6	Xn; R65	Asp. Tox. 1, H304
Titanium dioxide	(CAS No) 13463-67-7 (EC no) 236-675-5	2 - 4	Not classified	Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 1, H372
Xylene	(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022- 00-9	0,7 - 1,5	R10 Xn; R20/21 Xi; R38	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Repr. 1B, H360 STOT SE 3, H336 STOT SE 1, H370 STOT RE 1, H372
Ethylbenzene	(CAS No) 100-41-4 (EC no) 202-849-4 (EC index no) 601-023- 00-4	0,7 - 1,5	F; R11 Xn; R20 Xn; R65 Xn; R48/20	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Irrit. 2, H319 Carc. 2, H351 Repr. 1B, H360 STOT SE 3, H335 STOT SE 2, H371 STOT RE 2, H373 Asp. Tox. 1, H304
m-Tolylidene diisocyanate	(CAS No) 26471-62-5 (EC no) 247-722-4 (EC index no) 615-006- 00-4	0,4 - 0,6	Not classified	Acute Tox. 1 (Inhalation:vapour), H330 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 Aquatic Chronic 3, H412
Naphthalene	(CAS No) 91-20-3 (EC no) 202-049-5 (EC index no) 601-052- 00-2	0,1 - 0,5	0,5 Carc.Cat.3; R40 Xn; R22 N; R50/53	Acute Tox. 4 (Oral), H302 Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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Specific concentration limits:

NAME	PRODUCT	SPECIFICCONCENTRATION	SPECIFIC CONCENTRATION
	IDENTIFIER	LIMITS:DSD/DPD	LIMITS:CLP
Xylene	CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022- 00-9	(C >= 12,5) Xn;R20/21	

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

SECTION 4. FIRST AID MEASURES

4.1 Description of First Aid Measures

- First-aid measures after inhalation Allow breathing of fresh air. If you feel unwell, seek medical advice
- First-aid measures after skin contact Wash with plenty of soap and water
- · First-aid measures after eye contact Rinse immediately with plenty of water. Obtain medical attention if pain,

blinking or redness persist

First-aid measures after ingestion
 Do NOT induce vomiting. Never give anything by mouth to an unconscious

person. Obtain emergency medical attention

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

- Symptoms/injuries after inhalation Harmful if inhaled
- Symptoms/injuries after skin contact May cause an allergic skin reaction
- Symptoms/injuries after eye contact Causes serious eye irritation
- Symptoms/injuries after ingestion May be harmful if swallowed

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

· None.

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable extinguishing media Dry powder. Carbon dioxide. Foam Unsuitable extinguishing media Do not use a heavy water stream

5.2 Special hazards arising from the substance or mixture

Reactivity in case of fire
 Release of harmful/irritant gases/vapours (carbon monoxide -

carbon dioxide)

5.3 Advice for firefighters

• Firefighting instructions Prevent fire-fighting water from entering environment. Exercise caution

when fighting any chemical fire. Use water spray or fog for cooling

exposed containers

Protection during firefighting
 Do not enter fire area without proper protective equipment, including

respiratory protection

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SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

General measures
 Ensure adequate ventilation

For non-emergency personnel

Emergency procedures
 Evacuate unnecessary personnel

For emergency responders

Protective equipment
 Equip clean-up crew with proper protection

6.2 Environmental Precautions Prevent entry to sewers and public waters. Notify authorities if liquid enters

sewers or public waters

6.3 Methods and Materials for Containment and Cleaning Up

Methods for cleaning up
 Collect spills and put it into appropriated container

6.4 Reference to Other Sections See also sections 8 and 13.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Precautions for safe handling
 Do not eat, drink or smoke when using this product. Use personal protective

equipment as required

Hygiene measures
 Wash hands and other exposed areas with mild soap and water before

eating, drinking or smoking and when leaving work

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Storage conditions
 Keep in a cool, well-ventilated place. Keep container closed when not in use

Storage temperature5 - 25 °C

Storage area
 Special rules on packaging
 T.3 Specific End Use(es)
 Store in a well-ventilated place.
 Keep only in original container.
 Refer to the technical directions

SECTION 8. PERSONAL PROTECTION/EXPOSURE CONTROL

8.1 Control Parameters No additional information available

8.2 Exposure Controls

Personal protective equipment Gloves. Safety glasses. Protective clothing

Hand protection Protective gloves

Eye protection Chemical goggles or safety glasses
Skin and body protection Wear suitable protective clothing

Respiratory protection In case of inadequate ventilation wear respiratory protection







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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

•	Physical state	Liquid
•	Appearance	Pasty liquid
	Colour	Grev

Odour No data available
Odour threshold No data available
PH No data available
Relative evaporation rate (butylacetate=1)

No data available Melting point Freezing point No data available Boiling point No data available No data available Flash point Auto-ignition temperature No data available Decomposition temperature No data available Flammability (solid, gas) No data available No data available Vapour pressure No data available Relative vapour density at 20 °C

Relative density 1,23

Solubility

Log Pow

Viscosity, kinematic

No data available

No data available

Viscosity, dynamic
 175000 (100000 - 250000) mPa.s

Explosive properties
 Oxidising properties
 Explosive limits
 No data available
 No data available

9.2 Other InformationNo additional information available

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity	Reacts with water
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10.2 Chemical Stability
 10.3 Possibility of Hazardous Reactions
 10.4 Conditions to Avoid
 Stable under normal conditions
 No additional information available
 High temperatures. Open flame

10.5 Incompatible Materials to Avoid Oxidizing agent

10.6 Hazardous decomposition products No additional information available

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SECTION 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity
 Inhalation: vapour: Harmful if inhaled

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ATE CLP (VAPOURS)	16,266 MG/L/4H
	Titanium dioxide (13463-67-7)
LD50 oral rat	> 5000 mg/kg
LC50 inhalation rat (mg/l)	> 6,82 mg/l/4h
	m-Tolylidene diisocyanate (26471-62-5)
LD50 oral rat	3060 mg/kg
LD50 dermal rabbit	10000 mg/kg
LC50 inhalation rat (Vapours - mg/l/4h)	0,099 mg/l/4h
	Xylene (1330-20-7)
LD50 oral rat	3500 mg/kg
LD50 dermal rabbit	4350 mg/kg
LC50 inhalation rat (Vapours - mg/l/4h)	29,08 mg/l/4h
	Ethylbenzene (100-41-4)
LD50 oral rat	3500 mg/kg
LD50 dermal rabbit	15400 mg/kg
LC50 inhalation rat (mg/l)	17,2 mg/l

Skin corrosion/irritation Causes skin irritation

Serious eye damage/irritation Causes serious eye irritation

Respiratory or skin sensitisation

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction

Germ cell mutagenicity Not classified

Carcinogenicity Suspected of causing cancer

Reproductive toxicity May damage fertility or the unborn child. May cause harm to breast-fed

children

Specific target organ toxicity

(single exposure)

Causes damage to organs

Specific target organ toxicity

(repeated exposure)

Causes damage to organs through prolonged or repeated exposure

Aspiration hazard Not classified

SECTION 12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity	No additional information available
12.2 Persistence and Biodegradability	No additional information available
12.3 Bioaccumulative Potential	No additional information available
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

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SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Regional legislation (waste)
 Disposal must be done according to official regulations

SECTION 14. TRANSPORT INFORMATION

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

14.1 UN Number

•	UN-No. (A	ADR)	-
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•	UN-No. (IMDG)	Not applicable
•	UN-No. (IATA)	Not applicable
•	UN-No. (ADN)	Not applicable
•	UN-No. (RID)	Not applicable

14.2 UN Proper Shipping Name

•	Proper Shipping Name (ADR)	Not applicable
•	Proper Shipping Name (IMDG)	Not applicable
•	Proper Shipping Name (IATA)	Not applicable
•	Proper Shipping Name (ADN)	Not applicable
•	Proper Shipping Name (RID)	Not applicable

Transport document description (ADR)
 UN ----, ENVIRONMENTALLY HAZARDOUS

14.3 Transportation Hazard Class(es)

ADR

Transport hazard class(es) (ADR)
 Not applicable



IMDG

Transport hazard class(es) (IMDG)



IATA

Transport hazard class(es) (IATA)





ADN

Transport hazard class(es) (ADN)





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RID

Transport hazard class(es) (RID)
 Not applicable



14.4 Packing Group

•	Packing group (ADR)	Not applicable
•	Packing group (IMDG)	Not applicable
•	Packing group (IATA)	Not applicable
•	Packing group (ADN)	Not applicable
•	Packing group (RID)	Not applicable

14.5 Environmental Hazards

Dangerous for the environmentMarine pollutantYes

Other information No supplementary information available

14.6 Special Precautions for User

Overland transport
 Transport by sea
 Air transport
 No data available
 No data available

Inland waterway transport
 Rail transport
 Not subject to ADN : No
 Carriage prohibited (RID) : No

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

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SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

• EU-Regulations Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

National regulations

Germany

VwVwS Annex reference Water hazard class (WGK) 3, severe hazard to waters (Classification

according to VwVwS, Annex 4)

12th Ordinance Implementing the Federal Emission Control Act -12.BImSchV

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

Netherlands

SZW-lijst van kankerverwekkende Alkanes, C14-17, chloro, chlorinated paraffins, C14-17, Solvent naphtha stoffen

(petroleum), heavy aromatic are listed

Alkanes, C14-17, chloro, chlorinated paraffins, C14-17, Solvent naphtha SZW-lijst van mutagene stoffen

(petroleum), heavy aromatic are listed

NIET-limitatieve liist van voor de Alkanes, C14-17, chloro, chlorinated paraffins, C14-17 is listed voortplanting giftige stoffen -

NIET-limitatieve lijst van voor de voortplanting giftige stoffen –

Vruchtbaarheid

Borstvoeding

NIET-limitatieve lijst van voor de

voortplanting giftige stoffen -Ontwikkeling

None of the components are listed

Xylene is listed

DENMARK

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

Pregnant/breastfeeding women working with the product must not be in

direct contact with the product

CHEMICAL SAFETY ASSESSMENT No additional information available

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SECTION 16. OTHER INFORMATION

16.1 Full text of R-, H- and EUH-statements:

Footures	Pocult
Features	Result
Acute Tox. 1 (Inhalation: vapour)	Acute toxicity (inhalation:vapour) Category 1
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Inhalation: vapour)	Acute toxicity (inhalation:vapour) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Lact.	Reproductive toxicity, Additional category, Effects on or via lactation
Repr. 1B	Reproductive toxicity, Category 1B
Resp. Sens. 1	Sensitisation — Respiratory, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, Category 1
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 1	Specific target organ toxicity — single exposure, Category 1
STOT SE 2	Specific target organ toxicity — Single exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H330	Fatal if inhaled
H332	Harmful if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
	Suspected of causing cancer

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Features	Result
H360	May damage fertility or the unborn child
H362	May cause harm to breast-fed children
H370	Causes damage to organs
H371	May cause damage to organs
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
R10	Flammable
R11	Highly flammable
R20	Harmful by inhalation
R20/21	Harmful by inhalation and in contact with skin
R22	Harmful if swallowed
R36	Irritating to eyes
R38	Irritating to skin
R40	Limited evidence of a carcinogenic effect
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R64	May cause harm to breastfed babies
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking
F	Highly flammable
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful

16.2 Basis of this SDS

The data reported here are based on the manufacturer's SDS which is based on information contained in the safety data sheets of the raw materials that make up the product

16.3 Changes Compared to the Previous Version

Date	Replaces	Sections	Item	Change	Comment
12/12/19	2.2	Title	Product name	Re-branded	
		16	Sub sections 16.2 to 16.7	Added	Read

16.4 Key literature and sources of data

Regulation (EC) 1907/2006 Regulation (EC) No. 1272/2008

Regulation (EU) No. 2015/830

Supplier SDS

ECHA, including REACH dossier for component substances

EH40/2005 3rd Edition, 2018

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16.5 Abbreviations & Acronyms

ATE: Acute Toxicity Estimate

CLP: EU Regulation 1272/2008: Classification, Labelling & packaging of

chemical substances

EUH statement: CLP-specific Hazard statement

LC50: Lethal concentration, 50% affected

LD50: Lethal dose, 50% affected

N/A: Not Applicable NDA: No Data Available

PBT: Persistent, Bioaccumulative and Toxic substances vPvB: Very Persistent and very Bioaccumulative substances REACH: Registration, Evaluation, Authorisation and Restriction of

Chemicals: Regulation (EC) No 1907/2006

SDS: Safety Data Sheet

STOT RE: Specific target organ toxicity (from) repeated exposure STOT SE: Specific target organ toxicity (from) single exposure

16.6 Training advice

Obtain special instructions and read the Safety Data Sheet before use. Do not handle until all safety precautions have been read and understood. It is recommended that workers are trained in the safe handling of hazardous chemicals

16.7 DISCLAIMER

Persons using the information contained here must make their own determinations as to the suitability of the relevant product for their purposes prior to use. Where these purposes are other than as specifically recommended in this Safety Data Sheet and in the Technical Data Sheet, then the user uses the product at their own risk

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 process. Such information is, to the best on the Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to is accuracy, reliability or completeness. It is the users responsibility to satisfy themselves as to the suitability of such information for their own particular use

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