

DRYLOK® HD9000 Masonry Waterproofer

Version number: REV 2.0
Replaces version of: 2022-05-03 (REV 1)

Revision: 2022-05-20

SECTION 1: Identification

1.1 Product identifier

Trade name **DRYLOK® HD9000 Masonry Waterproofer**
Alternative number(s) 900xx

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

Relevant identified uses
Waterproofing sealers
Concrete masonry
paint related material

1.3 Details of the supplier of the safety data sheet

United Gilsonite Laboratories, Inc.
1396 Jefferson Avenue
Dunmore PA 18509
United States

Telephone: +1 (570) 344-1202
Telefax: (570) 969-7634
e-mail: sales@ugl.com
Website: <http://www.ugl.com/>

e-mail (competent person) nicholas.shaffmaster@ugl.com (Nicholas Shaffmaster)

1.4 Emergency telephone number

Emergency information service
1-800-424-9300 Chemtrec (NORTH AMERICA)
Emergency telephone number: outside office hours

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Section	Hazard class	Category	Hazard class and category	Hazard statement
A.4S	skin sensitization	1	Skin Sens. 1	H317
A.5	germ cell mutagenicity	1B	Muta. 1B	H340
A.6	carcinogenicity	1A	Carc. 1A	H350
A.7	reproductive toxicity	2	Repr. 2	H361d

For full text of abbreviations: see SECTION 16.

2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

- Signal word danger

- Pictograms

GHS07, GHS08



DRYLOK® HD9000 Masonry Waterproofer

Version number: REV 2.0
Replaces version of: 2022-05-03 (REV 1)

Revision: 2022-05-20

- Hazard statements

- H317 May cause an allergic skin reaction.
- H340 May cause genetic defects.
- H350 May cause cancer.
- H361d Suspected of damaging the unborn child.

- Precautionary statements

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P201 Obtain special instructions before use.
- P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
- P272 Contaminated work clothing must not be allowed out of the workplace.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P302+P352 If on skin: Wash with plenty of water.
- P308+P313 If exposed or concerned: Get medical advice/attention.
- P321 Specific treatment (see on this label).
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P363 Wash contaminated clothing before reuse.
- P405 Store locked up.
- P501 Dispose of contents/container to industrial combustion plant.

- Hazardous ingredients for labelling

2-octyl-3(2H)-isothiazolone, Diethylene glycol monomethyl ether (DM), Quartz (SiO₂), 2-methylpropane, Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1), 1,2-benzisothiazol-3(2H)-one

2.3 Other hazards

Hazards not otherwise classified

Toxic to aquatic life with long lasting effects (GHS category 2: aquatic toxicity - acute and/or chronic).

SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture)

3.2 Mixtures

Description of the mixture

Name of substance	Identifier	Wt%	Classification acc. to GHS
Diethylene glycol monomethyl ether (DM)	CAS No 111-77-3	1 - < 5	Repr. 2 / H361d
Titanium dioxide	CAS No 13463-67-7	1 - < 5	Carc. 2 / H351
Quartz (SiO ₂)	CAS No 14808-60-7	0.05 - < 1	Carc. 1A / H350
2-methylpropane	CAS No 75-28-5	0.05 - < 1	Muta. 1B / H340 Carc. 1A / H350 Flam. Gas 1 / H220 Press. Gas C / H280

DRYLOK® HD9000 Masonry Waterproofer

Version number: REV 2.0
Replaces version of: 2022-05-03 (REV 1)

Revision: 2022-05-20

Name of substance	Identifier	Wt%	Classification acc. to GHS
2-octyl-3(2H)-isothiazolone	CAS No 26530-20-1	< 0.05	Acute Tox. 3 / H301 Acute Tox. 3 / H311 Acute Tox. 2 / H330 Skin Corr. 1 / H314 Eye Dam. 1 / H318 Skin Sens. 1A / H317
1,2-benzisothiazol-3(2H)-one	CAS No 2634-33-5	< 0.05	Acute Tox. 4 / H302 Skin Irrit. 2 / H315 Eye Dam. 1 / H318 Skin Sens. 1 / H317
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	CAS No 55965-84-9	< 0.05	Acute Tox. 4 / H302 Acute Tox. 3 / H311 Acute Tox. 4 / H332 Skin Corr. 1C / H314 Eye Dam. 1 / H318 Skin Sens. 1A / H317

For full text of abbreviations: see SECTION 16.

SECTION 4: First-aid measures

4.1 Description of first-aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

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

Water spray, BC-powder, Carbon dioxide (CO2)

Unsuitable extinguishing media

Water jet

DRYLOK® HD9000 Masonry Waterproofer

Version number: REV 2.0
Replaces version of: 2022-05-03 (REV 1)

Revision: 2022-05-20

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Nitrogen oxides (NO_x), Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

DRYLOK® HD9000 Masonry Waterproofer

Version number: REV 2.0
Replaces version of: 2022-05-03 (REV 1)

Revision: 2022-05-20

Control of the effects

Protect against external exposure, such as
frost

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)											
Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m³]	STEL [ppm]	STEL [mg/m³]	Ceiling-C [ppm]	Ceiling-C [mg/m³]	Notation	Source
US	calcium carbonate	1317-65-3	REL		10 (10 h)					i, natural	NIOSH REL
US	calcium carbonate	1317-65-3	REL		5 (10 h)					r, natural	NIOSH REL
US	limestone	1317-65-3	REL		10 (10 h)					i	NIOSH REL
US	limestone	1317-65-3	REL		5 (10 h)					r	NIOSH REL
US	limestone (calcium carbonate)	1317-65-3	PEL		15					i, dust	29 CFR 1910.1000
US	limestone (calcium carbonate)	1317-65-3	PEL		5					r, dust	29 CFR 1910.1000
US	titanium dioxide	13463-67-7	PEL		15					i, dust	29 CFR 1910.1000
US	titanium dioxide	13463-67-7	REL							lowest, appx-A	NIOSH REL
US	Titanium dioxide finescale particles	13463-67-7	TLV®		2.5					r	ACGIH® 2022
US	Titanium dioxide nanoscale particles	13463-67-7	TLV®		0.2					r	ACGIH® 2022
US	Calcium silicate, naturally occurring as Wollastonite	13983-17-0	TLV®		1					i, noAsb_1 ess1Siil	ACGIH® 2022
US	quartz	14808-60-7	PEL (CA)		0.05					r	Cal/ OSHA PEL
US	silica, crystalline - quartz	14808-60-7	PEL		0.05					r	29 CFR 1910.1000

DRYLOK® HD9000 Masonry Waterproofer

Version number: REV 2.0
Replaces version of: 2022-05-03 (REV 1)

Revision: 2022-05-20

Occupational exposure limit values (Workplace Exposure Limits)											
Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Ceiling-C [ppm]	Ceiling-C [mg/m ³]	Notation	Source
US	silica, crystalline - quartz	14808-60-7	REL		0.05 (10 h)					r, appx-A	NIOSH REL
US	isobutane	75-28-5	REL	800 (10 h)	1,900 (10 h)						NIOSH REL
US	isobutane	75-28-5	TLV®			1,000				E	ACGIH® 2022

Notation

- appx-A NIOSH Potential Occupational Carcinogen (Appendix A)
- Ceiling-C ceiling value is a limit value above which exposure should not occur
- dust as dust
- E explosive
- i inhalable fraction
- lowest exposure by all routes should be carefully controlled to levels as low as possible
- natural natural
- noAsb_less1 contains no asbestos and less than 1% free crystalline silica
- Sil
- r respirable fraction
- STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)
- TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

DRYLOK® HD9000 Masonry Waterproofer

Version number: REV 2.0
Replaces version of: 2022-05-03 (REV 1)

Revision: 2022-05-20

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	liquid
Color	White to off-white
Particle	not relevant (liquid)
Odor	like ammonia

Other safety parameters

pH (value)	8 – 10 (25 °C)
Melting point/freezing point	not determined
Initial boiling point and boiling range	193 °C at 760 mmHg
Flash point	not determined
Evaporation rate	not determined
Flammability (solid, gas)	not relevant, (fluid)

Explosive limits

- Lower explosion limit (LEL)	0.6 vol%
- Upper explosion limit (UEL)	20.4 vol%
Vapor pressure	1 mmHg at 64.3 °C
Density	1.134 g/cm ³ at 20 °C
Vapor density	this information is not available
Solubility(ies)	not determined

Partition coefficient

- n-octanol/water (log KOW)	this information is not available
Auto-ignition temperature	194 °C (auto-ignition temperature (liquids and gases))
Viscosity	not determined
Explosive properties	none
Oxidizing properties	none

DRYLOK® HD9000 Masonry Waterproofer

Version number: REV 2.0
Replaces version of: 2022-05-03 (REV 1)

Revision: 2022-05-20

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

10.5 Incompatible materials

Oxidizers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components of the mixture			
Name of substance	CAS No	Exposure route	ATE
2-octyl-3(2H)-isothiazolone	26530-20-1	oral	125 mg/kg
2-octyl-3(2H)-isothiazolone	26530-20-1	dermal	300 mg/kg
2-octyl-3(2H)-isothiazolone	26530-20-1	inhalation: vapor	0.5 mg/l/4h
1,2-benzisothiazol-3(2H)-one	2634-33-5	oral	670 mg/kg
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	oral	457 mg/kg
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	dermal	660 mg/kg
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	inhalation: vapor	11 mg/l/4h
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	inhalation: dust/mist	2.36 mg/l/4h

DRYLOK® HD9000 Masonry Waterproofer

Version number: REV 2.0
Replaces version of: 2022-05-03 (REV 1)

Revision: 2022-05-20

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitization

May cause an allergic skin reaction.

Germ cell mutagenicity

May cause genetic defects.

Carcinogenicity

May cause cancer.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans			
Name of substance	CAS No	Classification	Number
Quartz (SiO ₂)	14808-60-7	1	
Titanium dioxide	13463-67-7	2B	

Legend

1 Carcinogenic to humans
2B Possibly carcinogenic to humans

Reproductive toxicity

Suspected of damaging the unborn child.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information

12.1 Toxicity

Toxic to aquatic life with long lasting effects.

Aquatic toxicity (acute) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Diethylene glycol mono-methyl ether (DM)	111-77-3	LC50	5,741 mg/l	fish	96 h
Diethylene glycol mono-methyl ether (DM)	111-77-3	EC50	1,192 mg/l	aquatic invertebrates	48 h
2-methylpropane	75-28-5	LC50	49.9 mg/l	fish	96 h
2-methylpropane	75-28-5	EC50	19.37 mg/l	algae	96 h
2-octyl-3(2H)-isothiazolone	26530-20-1	LC50	0.122 mg/l	fish	96 h

DRYLOK® HD9000 Masonry Waterproofer

Version number: REV 2.0
Replaces version of: 2022-05-03 (REV 1)

Revision: 2022-05-20

Aquatic toxicity (acute) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
2-octyl-3(2H)-isothiazolone	26530-20-1	ErC50	0.15 mg/l	algae	96 h
1,2-benzisothiazol-3(2H)-one	2634-33-5	LC50	16.7 mg/l	fish	96 h
1,2-benzisothiazol-3(2H)-one	2634-33-5	EC50	2.94 mg/l	aquatic invertebrates	48 h
1,2-benzisothiazol-3(2H)-one	2634-33-5	ErC50	150 µg/l	algae	72 h
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	LC50	0.19 mg/l	fish	96 h
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	EC50	0.16 mg/l	aquatic invertebrates	48 h
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	ErC50	19.9 µg/l	algae	72 h

Aquatic toxicity (chronic) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Diethylene glycol monomethyl ether (DM)	111-77-3	EC50	>1,000 mg/l	microorganisms	30 min
1,2-benzisothiazol-3(2H)-one	2634-33-5	EC50	13 mg/l	microorganisms	3 h
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	LC50	0.07 mg/l	fish	14 d
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	EC50	>0.18 mg/l	aquatic invertebrates	21 d
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	ErC50	45.6 µg/l	algae	120 h

DRYLOK® HD9000 Masonry Waterproofer

Version number: REV 2.0
Replaces version of: 2022-05-03 (REV 1)

Revision: 2022-05-20

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Endocrine disrupting properties

None of the ingredients are listed.

12.7 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1 UN number

DOT	UN 3082
IMDG-Code	UN 3082
ICAO-TI	UN 3082

14.2 UN proper shipping name

DOT	Environmentally hazardous substance, liquid, n.o.s.
IMDG-Code	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
ICAO-TI	Environmentally hazardous substance, liquid, n.o.s.
Technical name (hazardous ingredients)	diuron (ISO), 3-iodo-2-propynyl butylcarbamate

14.3 Transport hazard class(es)

DOT	9
IMDG-Code	9
ICAO-TI	9

DRYLOK® HD9000 Masonry Waterproofer

Version number: REV 2.0
Replaces version of: 2022-05-03 (REV 1)

Revision: 2022-05-20

14.4 Packing group

DOT	III
IMDG-Code	III
ICAO-TI	III

14.5 Environmental hazards

	hazardous to the aquatic environment
Environmentally hazardous substance (aquatic environment)	diuron (ISO), 3-iodo-2-propynyl butylcarbamate

14.6 Special precautions for user

There is no additional information.

14.7 Transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations

Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information

Particulars in the shipper's declaration	UN3082, Environmentally hazardous substance, liquid, n.o.s., (diuron (ISO)), 3-iodo-2-propynyl butylcarbamate, solution), 9, III
Reportable quantity (RQ)	169,779 lbs (77,080 kg) (ammonia) (diuron (ISO))
Danger label(s)	9, fish and tree
Environmental hazards	YES (hazardous to the aquatic environment)
Special provisions (SP)	8, 146, 173, 335, IB3, T4, TP1, TP29
ERG No	171

International Maritime Dangerous Goods Code (IMDG) - Additional information

Marine pollutant	YES (hazardous to the aquatic environment) (Ammonia, anhydrous)
Danger label(s)	9, fish and tree
Special provisions (SP)	274, 335, 969
Excepted quantities (EQ)	E1
Limited quantities (LQ)	5 L
EmS	F-A, S-F
Stowage category	A

DRYLOK® HD9000 Masonry Waterproofer

Version number: REV 2.0
Replaces version of: 2022-05-03 (REV 1)

Revision: 2022-05-20

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Environmental hazards YES (hazardous to the aquatic environment)

Danger label(s) 9, fish and tree



Special provisions (SP) A97, A158, A197, A215

Excepted quantities (EQ) E1

Limited quantities (LQ) 30 kg

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

National regulations (United States)

Toxic Substance Control Act (TSCA) all ingredients are listed

Clean Air Act

Name of substance	CAS No	Type of registration	Basis for listing	Threshold quantity (lbs)
2-methylpropane	75-28-5	Flammable substance	f	10000

Legend

f Flammable gas.

Right to Know Hazardous Substance List

- Cleaning Product Right to Know Act Substance List (CA-RTK)

Name of substance	CAS No	Functionality	Authoritative Lists
Diethylene glycol monomethyl ether (DM)			CA TACs
Titanium dioxide	13463-67-7		IARC Carcinogens - 2B Prop 65
Quartz (SiO ₂)	14808-60-7		IARC Carcinogens - 1
2-methylpropane	75-28-5		EC Annex VI CMRs - Cat. 1A EC Annex VI CMRs - Cat. 1B

- Toxic or Hazardous Substance List (MA-TURA)

Name of substance	CAS No	DEP CODE	PBT / HHS / LHS	PBT / HHS Threshold	De Minimis Concentration Threshold
Quartz (SiO ₂)		1095			1.0 %
Diethylene glycol monomethyl ether (DM)		1022			1.0 %

DRYLOK® HD9000 Masonry Waterproofer

Version number: REV 2.0
Replaces version of: 2022-05-03 (REV 1)

Revision: 2022-05-20

- Hazardous Substances List (MN-ERTK)

Name of substance	CAS No	References	Remarks
Quartz (SiO ₂)		A, *	
Titanium dioxide	13463-67-7	A	

Legend

- * Substances which are regulated by OSHA as carcinogens; have been categorized by the ACGIH as either "human carcinogens" or "suspect of carcinogenic potential for man"; have been evaluated by the International Agency for Research on Cancer (IARC) and found to be carcinogens or potential carcinogens; or have been listed as a carcinogen or potential carcinogen in the Annual Report on Carcinogens published by the National Toxicology Program (NTP).
- A American Conference of Governmental Industrial Hygienists (ACGIH), "Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices for 1992-93", available from ACGIH

- Hazardous Substance List (NJ-RTK)

Name of substance	CAS No	Remarks	Classifications
Quartz (SiO ₂)	14808-60-7		CA
Titanium dioxide	13463-67-7		
Diethylene glycol monomethyl ether (DM)			
2-methylpropane	75-28-5		F4

Legend

- CA Carcinogenic
F4 Flammable - Fourth Degree

- Hazardous Substance List (Chapter 323) (PA-RTK)

Name acc. to inventory	CAS No	Classification
TITANIUM OXIDE (TiO ₂)	13463-67-7	
ETHANOL, 2-(2-METHOXYETHOXY)-	111-77-3	

- Hazardous Substance List (RI-RTK)

Name of substance	CAS No	References
Quartz (SiO ₂)	14808-60-7	T
Titanium dioxide	13463-67-7	T
2-methylpropane	106-97-8	T, F

Legend

- F Flammability (NFPA®)
T Toxicity (ACGIH®)

California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

Proposition 65 List of chemicals			
Name acc. to inventory	CAS No	Remarks	Type of the toxicity
silica, crystalline		airborne particles of respirable size	cancer
titanium dioxide	13463-67-7	airborne, unbound particles of respirable size	cancer

DRYLOK® HD9000 Masonry Waterproofer

Version number: REV 2.0
Replaces version of: 2022-05-03 (REV 1)

Revision: 2022-05-20

Proposition 65 List of chemicals			
Name acc. to inventory	CAS No	Remarks	Type of the toxicity
methanol	67-56-1		developmental
diethanolamine	111-42-2		cancer
formaldehyde	50-00-0	gas	cancer
ethylene oxide	75-21-8		cancer
ethylene oxide	75-21-8		female
ethylene oxide	75-21-8		developmental, male
vinylidene chloride (1,1-dichloroethene)	75-35-4		cancer
acrylonitrile	107-13-1		cancer
diuron	330-54-1		cancer

Industry or sector specific available guidance(s)

NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

Category	Rating	Description
Chronic	*	chronic (long-term) health effects may result from repeated overexposure
Health	2	temporary or minor injury may occur
Flammability	1	material that must be preheated before ignition can occur
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protection	-	

NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

Category	Degree of hazard	Description
Flammability	1	material that must be preheated before ignition can occur
Health	2	material that, under emergency conditions, can cause temporary incapacitation or residual injury
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

National inventories

DRYLOK® HD9000 Masonry Waterproofer

Version number: REV 2.0
Replaces version of: 2022-05-03 (REV 1)

Revision: 2022-05-20

Country	Inventory	Status
EU	REACH Reg.	not all ingredients are listed
US	TSCA	all ingredients are listed
AU	AIIC	not all ingredients are listed
CA	DSL	all ingredients are listed
CN	IECSC	all ingredients are listed
EU	ECSI	not all ingredients are listed
JP	CSCL-ENCS	not all ingredients are listed
JP	ISHA-ENCS	not all ingredients are listed
KR	KECI	all ingredients are listed
MX	INSQ	not all ingredients are listed
NZ	NZIoC	all ingredients are listed
PH	PICCS	all ingredients are listed
TR	CICR	not all ingredients are listed
TW	TCSI	all ingredients are listed

Legend

AIIC	Australian Inventory of Industrial Chemicals
CICR	Chemical Inventory and Control Regulation
CSCL-ENCS	List of Existing and New Chemical Substances (CSCL-ENCS)
DSL	Domestic Substances List (DSL)
ECSI	EC Substance Inventory (EINECS, ELINCS, NLP)
IECSC	Inventory of Existing Chemical Substances Produced or Imported in China
INSQ	National Inventory of Chemical Substances
ISHA-ENCS	Inventory of Existing and New Chemical Substances (ISHA-ENCS)
KECI	Korea Existing Chemicals Inventory
NZIoC	New Zealand Inventory of Chemicals
PICCS	Philippine Inventory of Chemicals and Chemical Substances (PICCS)
REACH Reg.	REACH registered substances
TCSI	Taiwan Chemical Substance Inventory
TSCA	Toxic Substance Control Act

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information, including date of preparation or last revision

Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
2.2	- Hazardous ingredients for labelling: Diethylene glycol monomethyl ether (DM), Quartz (SiO ₂), 2-methylpropane, Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1), 1,2-benzisothiazol-3(2H)-one	- Hazardous ingredients for labelling: 2-octyl-3(2H)-isothiazolone, Diethylene glycol monomethyl ether (DM), Quartz (SiO ₂), 2-methylpropane, Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1), 1,2-benzisothiazol-3(2H)-one	yes
3.2		Description of the mixture: change in the listing (table)	yes

Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

DRYLOK® HD9000 Masonry Waterproofer

Version number: REV 2.0
Replaces version of: 2022-05-03 (REV 1)

Revision: 2022-05-20

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
6.2	Environmental precautions: Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.	Environmental precautions: Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.	yes
7.2		- Packaging compatibilities: Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.	yes
11.1		Acute toxicity estimate (ATE) of components of the mixture: change in the listing (table)	yes
12.1		Aquatic toxicity (acute) of components of the mixture: change in the listing (table)	yes
13.1	Waste treatment of containers/packages: Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.	Waste treatment of containers/packages: Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.	yes
14.1	UN number: not subject to transport regulations	UN number	yes
14.1		DOT: UN 3082	yes
14.1		IMDG-Code: UN 3082	yes
14.1		ICAO-TI: UN 3082	yes
14.2	UN proper shipping name: not relevant	UN proper shipping name	yes
14.2		DOT: Environmentally hazardous substance, liquid, n.o.s.	yes
14.2		IMDG-Code: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	yes
14.2		ICAO-TI: Environmentally hazardous substance, liquid, n.o.s.	yes
14.2		Technical name (hazardous ingredients): diuron (ISO), 3-iodo-2-propynyl butylcarbamate	yes
14.3	Transport hazard class(es): not assigned	Transport hazard class(es)	yes
14.3		DOT: 9	yes
14.3		IMDG-Code: 9	yes
14.3		ICAO-TI: 9	yes
14.4	Packing group: not assigned	Packing group	yes

Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

DRYLOK® HD9000 Masonry Waterproofer

Version number: REV 2.0
Replaces version of: 2022-05-03 (REV 1)

Revision: 2022-05-20

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
14.4		DOT: III	yes
14.4		IMDG-Code: III	yes
14.4		ICAO-TI: III	yes
14.5	Environmental hazards: non-environmentally hazardous acc. to the dangerous goods regulations	Environmental hazards: hazardous to the aquatic environment	yes
14.5		Environmentally hazardous substance (aquatic environment): diuron (ISO), 3-iodo-2-propynyl butylcarbamate	yes
14.7	Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information: Not subject to transport regulations.	Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information	yes
14.7		Particulars in the shipper's declaration: UN3082, Environmentally hazardous substance, liquid, n.o.s., (diuron (ISO), 3-iodo-2-propynyl butylcarbamate, solution), 9, III	yes
14.7		Reportable quantity (RQ): 169,779 lbs (77,080 kg) (ammonia) (diuron (ISO))	yes
14.7		Danger label(s): 9, fish and tree	yes
14.7		Danger label(s): change in the listing (table)	yes
14.7		Environmental hazards: yes (hazardous to the aquatic environment)	yes
14.7		Special provisions (SP): 8, 146, 173, 335, IB3, T4, TP1, TP29	yes
14.7		ERG No: 171	yes
14.7	International Maritime Dangerous Goods Code (IMDG) - Additional information: Not subject to IMDG.	International Maritime Dangerous Goods Code (IMDG) - Additional information	yes
14.7		Marine pollutant: yes (hazardous to the aquatic environment) (Ammonia, anhydrous)	yes
14.7		Danger label(s): 9, fish and tree	yes
14.7		Danger label(s): change in the listing (table)	yes
14.7		Special provisions (SP): 274, 335, 969	yes
14.7		Excepted quantities (EQ): E1	yes
14.7		Limited quantities (LQ): 5 L	yes
14.7		EmS: F-A, S-F	yes

DRYLOK® HD9000 Masonry Waterproofer

Version number: REV 2.0
Replaces version of: 2022-05-03 (REV 1)

Revision: 2022-05-20

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
14.7		Stowage category: A	yes
14.7	International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information: Not subject to ICAO-IATA.	International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information	yes
14.7		Environmental hazards: yes (hazardous to the aquatic environment)	yes
14.7		Danger label(s): 9, fish and tree	yes
14.7		Danger label(s): change in the listing (table)	yes
14.7		Special provisions (SP): A97, A158, A197, A215	yes
14.7		Excepted quantities (EQ): E1	yes
14.7		Limited quantities (LQ): 30 kg	yes
15.1		Proposition 65 List of chemicals: change in the listing (table)	yes
15.1		National inventories: change in the listing (table)	yes
16		List of relevant phrases (code and full text as stated in section 2 and 3): change in the listing (table)	yes

Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H220	Extremely flammable gas.
H280	Contains gas under pressure; may explode if heated.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

DRYLOK® HD9000 Masonry Waterproofer

Version number: REV 2.0
Replaces version of: 2022-05-03 (REV 1)

Revision: 2022-05-20

Code	Text
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H340	May cause genetic defects.
H350	May cause cancer.
H351	Suspected of causing cancer.
H361d	Suspected of damaging the unborn child.

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

End of safety data sheet