

DRYLOK® Latex Concrete Floor Paint (Cream) 50g/l

Version number: REV 2.0
Replaces version of: 2022-05-24 (REV 1)

Revision: 2022-10-19

SECTION 1: Identification

1.1 Product identifier

Trade name **DRYLOK® Latex Concrete Floor Paint (Cream) 50g/l**

Alternative number(s) 436xx; UFI: 4CSV-F3FU-X00J-JRU3

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

Relevant identified uses Floor Paint
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) Robin.Crossley@ugl.com (Robin Crossley)

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

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 warning

- Pictograms

GHS07



- Hazard statements

H317 May cause an allergic skin reaction.

DRYLOK® Latex Concrete Floor Paint (Cream) 50g/l

Version number: REV 2.0
Replaces version of: 2022-05-24 (REV 1)

Revision: 2022-10-19

- Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label 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.
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.
P501	Dispose of contents/container to industrial combustion plant.

- Hazardous ingredients for labelling

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

This material is combustible, but will not ignite readily.

Hazards not otherwise classified

Harmful to aquatic life with long lasting effects (GHS category 3: 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
Titanium dioxide	CAS No 13463-67-7	10 - < 25	Carc. 2 / H351
Quartz (SiO ₂)	CAS No 14808-60-7	1 - < 5	Carc. 1A / H350
Aluminium oxide	CAS No 1344-28-1	0.05 - < 1	Acute Tox. 3 / H331
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.

DRYLOK® Latex Concrete Floor Paint (Cream) 50g/l

Version number: REV 2.0
Replaces version of: 2022-05-24 (REV 1)

Revision: 2022-10-19

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

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.

DRYLOK® Latex Concrete Floor Paint (Cream) 50g/l

Version number: REV 2.0
Replaces version of: 2022-05-24 (REV 1)

Revision: 2022-10-19

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

Control of the effects

Protect against external exposure, such as frost

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/m ³]	STEL [ppm]	STEL [mg/m ³]	Ceiling-C [ppm]	Ceiling-C [mg/m ³]	Notation	Source
US	kaolin	1332-58-7	REL		10 (10 h)					i	NIOSH REL
US	kaolin	1332-58-7	PEL		15					i, dust	29 CFR 1910.10 00
US	kaolin	1332-58-7	REL		5 (10 h)					r	NIOSH REL

DRYLOK® Latex Concrete Floor Paint (Cream) 50g/l

Version number: REV 2.0
Replaces version of: 2022-05-24 (REV 1)

Revision: 2022-10-19

Occupational exposure limit values (Workplace Exposure Limits)											
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US	kaolin	1332-58-7	PEL		5					r, dust	29 CFR 1910.1000
US	kaolin	1332-58-7	PEL (CA)		2					r, noAsb_less1Sil	Cal/OSHA PEL
US	kaolin	1332-58-7	TLV®		2					r, noAsb_less1Sil	ACGIH® 2022
US	alpha-Alumina	1344-28-1	REL							appx-D	NIOSH REL
US	alpha-alumina	1344-28-1	PEL		15					i, dust	29 CFR 1910.1000
US	alpha-alumina	1344-28-1	PEL		5					r, dust	29 CFR 1910.1000
US	aluminium, insoluble compounds	1344-28-1	TLV®		1					r	ACGIH® 2022
US	aluminium oxide	1344-28-1	PEL (CA)		10					dust	Cal/OSHA PEL
US	aluminium oxide	1344-28-1	PEL (CA)		5					r	Cal/OSHA PEL
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	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
US	silica, crystalline - quartz	14808-60-7	REL		0.05 (10 h)					r, appx-A	NIOSH REL

Notation

appx-A NIOSH Potential Occupational Carcinogen (Appendix A)
 appx-D see Appendix D - Substances with No Established RELS
 Ceiling-C ceiling value is a limit value above which exposure should not occur
 dust as dust
 i inhalable fraction
 lowest exposure by all routes should be carefully controlled to levels as low as possible
 noAsb_less1 contains no asbestos and less than 1% free crystalline silica
 Sil

DRYLOK® Latex Concrete Floor Paint (Cream) 50g/l

Version number: REV 2.0
Replaces version of: 2022-05-24 (REV 1)

Revision: 2022-10-19

Notation

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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	liquid
Color	cream
Particle	not relevant (liquid)
Odor	like ammonia

Other safety parameters

pH (value)	8 – 10 (in aqueous solution: 1 g/cm ³ , 25 °C)
Melting point/freezing point	not determined
Initial boiling point and boiling range	100 °C
Flash point	>60 °C at 1 atm
Evaporation rate	not determined

DRYLOK® Latex Concrete Floor Paint (Cream) 50g/l

Version number: REV 2.0
Replaces version of: 2022-05-24 (REV 1)

Revision: 2022-10-19

Flammability (solid, gas)	not relevant, (fluid)
Vapor pressure	2.3 kPa at 25 °C
Density	1.22 - 1.26 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	388 °C
Viscosity	not determined
Explosive properties	none
Oxidizing properties	none

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.

DRYLOK® Latex Concrete Floor Paint (Cream) 50g/l

Version number: REV 2.0
Replaces version of: 2022-05-24 (REV 1)

Revision: 2022-10-19

Acute toxicity estimate (ATE) of components of the mixture			
Name of substance	CAS No	Exposure route	ATE
Aluminium oxide	1344-28-1	inhalation: vapor	3 mg _i /4h
Aluminium oxide	1344-28-1	inhalation: dust/mist	>0.888 mg _i /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 _i /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 _i /4h

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

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

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

Shall not be classified as a reproductive toxicant.

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).

DRYLOK® Latex Concrete Floor Paint (Cream) 50g/l

Version number: REV 2.0
Replaces version of: 2022-05-24 (REV 1)

Revision: 2022-10-19

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information

12.1 Toxicity

Harmful 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
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
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

DRYLOK® Latex Concrete Floor Paint (Cream) 50g/l

Version number: REV 2.0
Replaces version of: 2022-05-24 (REV 1)

Revision: 2022-10-19

Aquatic toxicity (chronic) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
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

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

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	not subject to transport regulations
14.2 UN proper shipping name	not relevant
14.3 Transport hazard class(es)	not assigned
14.4 Packing group	not assigned
14.5 Environmental hazards	non-environmentally hazardous acc. to the dangerous goods regulations
14.6 Special precautions for user	There is no additional information.

DRYLOK® Latex Concrete Floor Paint (Cream) 50g/l

Version number: REV 2.0
Replaces version of: 2022-05-24 (REV 1)

Revision: 2022-10-19

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

Not subject to transport regulations.

International Maritime Dangerous Goods Code (IMDG) - Additional information

Not subject to IMDG.

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

Not subject to ICAO-IATA.

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

Superfund Amendment and Reauthorization Act (SARA TITLE III)

- Specific Toxic Chemical Listings (EPCRA Section 313)

Toxics Release Inventory: Specific Toxic Chemical Listings			
Name of substance	CAS No	Remarks	Effective date
Aluminium oxide	1344-28-1	fibrous forms	1986-12-31

Right to Know Hazardous Substance List

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

Name of substance	CAS No	Functionality	Authoritative Lists
Titanium dioxide	13463-67-7		IARC Carcinogens - 2B Prop 65
Quartz (SiO ₂)	14808-60-7		IARC Carcinogens - 1

- 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 %
Aluminium oxide	1344-28-1				1.0 %

- 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

DRYLOK® Latex Concrete Floor Paint (Cream) 50g/l

Version number: REV 2.0
Replaces version of: 2022-05-24 (REV 1)

Revision: 2022-10-19

Legend

A the Annual Report on Carcinogens published by the National Toxicology Program (NTP).
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		
Aluminium oxide	1344-28-1		

Legend

CA Carcinogenic

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

Name acc. to inventory	CAS No	Classification
QUARTZ (SIO ₂)	14808-60-7	
TITANIUM OXIDE (TIO ₂)	13463-67-7	
ALUMINUM OXIDE (AL ₂ O ₃)	1344-28-1	E

Legend

E Environmental hazard

- Hazardous Substance List (RI-RTK)

Name of substance	CAS No	References
Quartz (SiO ₂)	14808-60-7	T
Titanium dioxide	13463-67-7	T
Aluminium oxide	1344-28-1	T

Legend

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
nickel	7440-02-0	metallic	cancer
nickel	7440-02-0	Nickel refinery dust from the pyrometallurgical process	cancer
1,4-dioxane	123-91-1		cancer
ethylene oxide	75-21-8		cancer

DRYLOK® Latex Concrete Floor Paint (Cream) 50g/l

Version number: REV 2.0
Replaces version of: 2022-05-24 (REV 1)

Revision: 2022-10-19

Proposition 65 List of chemicals			
Name acc. to inventory	CAS No	Remarks	Type of the toxicity
ethylene oxide	75-21-8		female
ethylene oxide	75-21-8		developmental, male
acetaldehyde	75-07-0		cancer
cobalt	7440-48-4	metal powder	cancer
cadmium	7440-43-9		developmental, male
cadmium	7440-43-9		

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

Country	Inventory	Status
EU	REACH Reg.	not all ingredients are listed
US	TSCA	all ingredients are listed
KR	KECI	all ingredients are listed
AU	AIIC	not all ingredients are listed
CA	DSL	all ingredients are listed
CN	IECSC	not all ingredients are listed

DRYLOK® Latex Concrete Floor Paint (Cream) 50g/l

Version number: REV 2.0
Replaces version of: 2022-05-24 (REV 1)

Revision: 2022-10-19

Country	Inventory	Status
EU	ECSI	not all ingredients are listed
JP	CSCL-ENCS	not all ingredients are listed
JP	ISHA-ENCS	not all ingredients are listed
MX	INSQ	not all ingredients are listed
NZ	NZIoC	not 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
1.1	Alternative number(s): 436xx; UFI:	Alternative number(s): 436xx; UFI: 4CSV-F3FU-X00J-JRU3	yes
1.3	e-mail (competent person): nicholas.shaffmaster@ugl.com (Nicholas Shaffmaster)	e-mail (competent person): Robin.Crossley@ugl.com (Robin Crossley)	yes
2.1		Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200): change in the listing (table)	yes
2.1	The most important adverse physicochemical, human health and environmental effects: The product is combustible and can be ignited by potential ignition sources.		yes
2.2		- Hazard statements: change in the listing (table)	yes
2.2		- Precautionary statements: change in the listing (table)	yes
2.3		Hazards not otherwise classified	yes

DRYLOK® Latex Concrete Floor Paint (Cream) 50g/l

Version number: REV 2.0
Replaces version of: 2022-05-24 (REV 1)

Revision: 2022-10-19

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
2.3		Hazards not otherwise classified: change in the listing (table)	yes
5.2	Special hazards arising from the substance or mixture: In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.	Special hazards arising from the substance or mixture	yes
7.1	- Measures to prevent fire as well as aerosol and dust generation: Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.	- Measures to prevent fire as well as aerosol and dust generation: Use local and general ventilation. Use only in well-ventilated areas.	yes
7.1	Specific notes/details: Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.		yes
7.2	Managing of associated risks		yes
7.2	- Explosive atmospheres: Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.		yes
7.2	- Flammability hazards: Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.		yes
7.2	- Ventilation requirements: Use local and general ventilation. Ground/bond container and receiving equipment.		yes
10.1	Reactivity: Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.	Reactivity: Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".	yes
10.1	If heated: Risk of ignition		yes
10.4	Conditions to avoid: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.	Conditions to avoid: There are no specific conditions known which have to be avoided.	yes

DRYLOK® Latex Concrete Floor Paint (Cream) 50g/l

Version number: REV 2.0
Replaces version of: 2022-05-24 (REV 1)

Revision: 2022-10-19

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
10.4	Hints to prevent fire or explosion: Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.		yes
12.1	Toxicity: Shall not be classified as hazardous to the aquatic environment.	Toxicity: Harmful to aquatic life with long lasting effects.	yes
12.1		Aquatic toxicity (acute) of components of the mixture: change in the listing (table)	yes
12.1		Aquatic toxicity (chronic) of components of the mixture: change in the listing (table)	yes
13.1	Waste treatment-relevant information: Solvent reclamation/regeneration.		yes
15.1		Toxic Substance Control Act (TSCA): all ingredients are listed	yes
15.1		NPCA-HMIS® III: change in the listing (table)	yes
15.1		NFPA® 704: 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
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.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H332	Harmful if inhaled.

Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

DRYLOK® Latex Concrete Floor Paint (Cream) 50g/l

Version number: REV 2.0
Replaces version of: 2022-05-24 (REV 1)

Revision: 2022-10-19

Code	Text
H350	May cause cancer.
H351	Suspected of causing cancer.

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