SAFETY DATA SHEET

Based upon Regulation (EC) No 1907/2006, as amended by Regulation (EU) No 2020/878

Milk Paint

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name

: Milk Paint

- : Fusion Milk Paint Hotel Robe; HH Milk Paint Sturbridge White; MMSMP Ironstone
- Synonyms Registration number REACH Product type REACH
- : Not applicable (mixture) : Mixture

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

1.2.1 Relevant identified uses Paint

1.2.2 Uses advised against

No uses advised against known

1.3. Details of the supplier of the safety data sheet

Supplier of the safety data sheet

OLD RED BARN BV Scheppersstraat 21 2200 Herentals België +32 465 00 86 84 info@oldredbarn.be

1.4. Emergency telephone number

24h/24h :

+32 473 23 09 91

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classified as danger	ous according to the c	riteria of Regulation (EC) No 1272/2008
Class	Category	Hazard statements
Carc.	category 2	H351: Suspected of causing cancer if inhaled.
Eye Dam.	category 1	H318: Causes serious eye damage.
Skin Irrit.	category 2	H315: Causes skin irritation.

2.2. Label elements



Contains: calcium dihydroxide; titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter \leq 10 µm]. Signal word Danger

H-statements	
H351	Suspected of causing cancer if inhaled.
H318	Causes serious eye damage.
H315	Causes skin irritation.
P-statements	
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P280	Wear protective gloves, protective clothing and eye protection/face protection.
P264	Wash hands thoroughly after handling.
P302 + P352	IF ON SKIN: Wash with plenty of water and soap.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
	Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulation.

2.3. Other hazards

Fine dust is explosive with air

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name REACH Registration No	CAS No EC No	Conc. (C)	Classification according to CLP	Note	Remark	M-factors and ATE
citric acid	77-92-9 201-069-1	C<10%	Eye Irrit. 2; H319	(1)(2)	Constituent	
calcium dihydroxide	1305-62-0 215-137-3	C=10%	Eye Dam. 1; H318 Skin Irrit. 2; H315 STOT SE 3; H335	(1)(2)	Constituent	
kaolin	1332-58-7 310-194-1	C<30%		(2)	Constituent	
limestone	1317-65-3 215-279-6	C<30%		(2)	Constituent	
quartz (SiO2)	14808-60-7 238-878-4	C<2%	STOT RE 2; H373	(1)(2)	Constituent	
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] 01-2119489379-17	13463-67-7 236-675-5	15% <c<20%< td=""><td>Carc. 2; H351</td><td>(1)(2)</td><td>Constituent</td><td></td></c<20%<>	Carc. 2; H351	(1)(2)	Constituent	
propylidynetrimethanol	77-99-6 201-074-9	0.0175% ≤C≤0.175%	Repr. 2; H361fd	(1)(2)	Constituent	

(2) Substance with a Community workplace exposure limit

SECTION 4: First aid measures

4.1. Description of first aid measures

General:

Observe (own) safety. If possible, approach victim and check vital functions. In case of injury and/or intoxication, call the European emergency number 112. Treat symptoms starting with most life-threatening injuries and disorders. Keep victim under observation, possibility of delayed symptoms.

After inhalation:

Remove victim into fresh air. In case of respiratory problems, consult a doctor/medical service.

After skin contact:

If possible, wipe up/dry remove chemical. Then rinse/shower immediately with (lukewarm) water. If irritation persists, consult a doctor/medical service.

After eye contact:

Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult a doctor/medical service.

After ingestion:

Rinse mouth with water. If you feel unwell, consult a doctor/medical service. Do not wait for symptoms to occur to consult Poison Center.

4.2. Most important symptoms and effects, both acute and delayed

4.2.1 Acute symptoms

After inhalation: No effects known. After skin contact: Tingling/irritation of the skin. After eye contact: Corrosion of the eye tissue. After ingestion: No effects known. 4.2.2 Delayed symptoms

No effects known.

4.3. Indication of any immediate medical attention and special treatment needed

If applicable and available it will be listed below.

SECTION 5: Firefighting measures

5.1. Extinguishing media

5.1.1 Suitable extinguishing media:

Small fire: Quick-acting ABC powder extinguisher, Class A foam extinguisher, Water (quick-acting extinguisher, reel).

Major fire: Water, Class A foam.

5.1.2 Unsuitable extinguishing media:

Small fire: Quick-acting BC powder extinguisher, Quick-acting CO2 extinguisher.

5.2. Special hazards arising from the substance or mixture

In case of fire: possible release of toxic/corrosive gases/vapours.

5.3. Advice for firefighters

5.3.1 Instructions:

Take account of toxic fire-fighting water. Use water moderately and if possible collect or contain it.

5.3.2 Special protective equipment for fire-fighters:

Gloves (EN 374). Face shield (EN 166). Protective clothing (EN 14605 or EN 13034). Heat/fire exposure: self-contained breathing apparatus (EN 136 + EN 137).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No naked flames.

6.1.1 Protective equipment for non-emergency personnel

See section 8.2

6.1.2 Protective equipment for emergency responders

Gloves (EN 374). Face shield (EN 166). Protective clothing (EN 14605 or EN 13034). Suitable protective clothing

See section 8.2

6.2. Environmental precautions

Contain released product. Dam up the solid spill. Prevent spreading in sewers.

6.3. Methods and material for containment and cleaning up

Stop dust cloud by humidifying. Scoop solid spill into closing containers. Carefully collect the spill/leftovers. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

6.4. Reference to other sections

See section 13.

SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

7.1. Precautions for safe handling

Avoid raising dust. Keep away from naked flames/heat. Observe strict hygiene. Keep container tightly closed. Do not discharge the waste into the drain.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1 Safe storage requirements:

Meet the legal requirements. Store in a cool area. Store in a dry area. Keep container in a well-ventilated place. Keep out of direct sunlight. **7.2.2 Keep away from:**

- Heat sources, (strong) acids.
- 7.2.3 Suitable packaging material:

No data available

7.2.4 Non suitable packaging material:

No data available

7.3. Specific end use(s)

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 Occupational exposure

a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

EU	
Calcium	di

Calcium dihy	droxide	Time-weighted average exposure limit 8 h (Indicative occupational	1 mg/m³ (2)
		exposure limit value)	
		Short time value (Indicative occupational exposure limit value)	4 mg/m³ (2)
Respirable ci	rystalline silica dust	Time-weighted average exposure limit 8 h (Indicative occupational	0.1 mg/m³ (2)
		exposure limit value)	

(2): Respirable fraction

Belgium

Calcium (carbonate de)				
		verage exposure limit 8 h		10 mg/m ³
Calcium (dihydroxyde de) (fraction alvéolaire)		verage exposure limit 8 h		1 mg/m ³
	Short time value			4 mg/m ³
Kaolin (fraction alvéolaire)		verage exposure limit 8 h		2 mg/m ³
Silices cristallines : quartz (poussières alvéolaires)		verage exposure limit 8 h		0.1 mg/m ³
Titane (dioxyde de)	Time-weighted a	verage exposure limit 8 h		10 mg/m ³
The Netherlands				
Calcium-dihydroxide	Time-weighted av limit value)	verage exposure limit 8 h (Pu	blic occupational expo	sure 1 mg/m ³
		(Public occupational exposur	e limit value)	4 mg/m ³
Respirabel kristallijn silicastof - kwarts	Time-weighted a	verage exposure limit 8 h (Pu		
	limit value)			
France	<u> </u>			
Calcium (carbonate de)	Time-weighted a réglementaire ind	verage exposure limit 8 h (VL dicative)	.: Valeur non	10 mg/m ³
Calcium (hydroxyde de) fraction alvéolaire		verage exposure limit 8 h (VL	.: Valeur non	1 mg/m³
	Short time value	licativey		4 mg/m ³
Kaolin	Time-weighted a	verage exposure limit 8 h (VL	.: Valeur non	10 mg/m ³
Silices cristallines : cristobalite, quartz, tridymite	réglementaire ind	dicative) verage exposure limit 8 h (VF	C: Valeur réglementai	re 0.1 mg/m ³
	contraignante)		5	
Titane (dioxyde de), en Ti	Time-weighted a réglementaire ind	verage exposure limit 8 h (VL dicative)	.: Valeur non	10 mg/m ³
Germany				
Calciumdihydroxid	Time-weighted a	verage exposure limit 8 h (TR	(65.900)	1 mg/m ³
Zitronensäure	-	verage exposure limit 8 h (TR		2 mg/m ³
	Time weighted a	crage exposure mint on (m	05 5007	2 1116/111
ИК				
Calcium carbonate inhalable dust	Time-weighted a (EH40/2005))	verage exposure limit 8 h (W	orkplace exposure limi	it 10 mg/m ³
Calcium carbonate respirable dust	Time-weighted a (EH40/2005))	verage exposure limit 8 h (W	orkplace exposure limi	it 4 mg/m ³
Calcium hydroxide (Respirable fraction)	<i></i>	verage exposure limit 8 h (W	orkplace exposure limi	it 1 mg/m³
		(Workplace exposure limit (E	H40/2005))	4 mg/m ³
Calcium hydroxide	Time-weighted a (EH40/2005))	verage exposure limit 8 h (W	orkplace exposure limi	it 5 mg/m³
Kaolin, respirable dust		verage exposure limit 8 h (W	orkplace exposure limi	it 2 mg/m ³
Limestone respirable	(EH40/2005)) Time-weighted a	verage exposure limit 8 h (W	orkplace exposure limi	it 4 mg/m ³
Limestone total inhalable	(EH40/2005))			it 10 mg/m ³
	(EH40/2005))	verage exposure limit 8 h (W	orkplace exposure limi	t 10 mg/m ³
Marble respirable	Time-weighted a (EH40/2005))	verage exposure limit 8 h (W	orkplace exposure limi	it 4 mg/m ³
Marble total inhalable	Time-weighted a	verage exposure limit 8 h (W	orkplace exposure limi	it 10 mg/m ³
Silica, respirable crystalline (respirable fraction)	, v	verage exposure limit 8 h (W	orkplace exposure limi	it 0.1 mg/m
Titanium dioxide respirable		verage exposure limit 8 h (W	orkplace exposure limi	it 4 mg/m ³
Titanium dioxide total inhalable	, v	verage exposure limit 8 h (W	orkplace exposure limi	it 10 mg/m ³
	(EH40/2005))			
USA (TLV-ACGIH)				
Calcium hydroxide		verage exposure limit 8 h (TL		5 mg/m ³
Kaolin		verage exposure limit 8 h (TL		2 mg/m ³ (
Silica, crystalline - α-quartz and cristobalite		verage exposure limit 8 h (TL		0.025 mg/
Titanium dioxide	J. J	verage exposure limit 8 h (TL	V - Adopted Value)	10 mg/m ³
R,E: Respirable fraction. The value is for particulate matter c	containing no asbesto	s and < 1% crystalline silica		
(R): Respirable fraction b) National biological limit values				
(R): Respirable fraction b) National biological limit values If limit values are applicable and available these will be listed	d below.			
(R): Respirable fraction b) National biological limit values	d below. Test	Number		
(R): Respirable fraction b) National biological limit values If limit values are applicable and available these will be listed 2 Sampling methods		Number 7020		

		Milk Paint			
Product name		Test	Number		
Quartz (silica, crystalline, by XRD)	NIOSH	7500		7
quartz		NIOSH	7601		7
quartz		NIOSH	7602		7
Silica, Crystalline, Respirable		NIOSH	7500		7
Silica, Crystalline		NIOSH	7601		7
Silica, Crystalline		NIOSH	7602		7
Silica, Quartz in Coal Dust (Silica	in coal mine dust)	NIOSH	7603		7
TiO2	·	NIOSH	7302		7
TiO2		NIOSH	7304		1
If limit values are applicable 4 Threshold values DNEL/DMEL - Workers calcium dihydroxide	and available these w	ill be listed below.			
Effect level (DNEL/DMEL)	Туре		Value		Remark
DNEL	Long-term local eff	ects inhalation	1 mg/m ³		leman
	Acute local effects		4 mg/m ³		
propylidynetrimethanol					
Effect level (DNEL/DMEL)	Туре		Value		Remark
DNEL	Long-term systemi	c effects inhalation	3.3 mg/m ³		
	Long-term systemi		0.94 mg/kg	bw/dav	
DNEL/DMEL - General population calcium dihydroxide				, , , , ,	
Effect level (DNEL/DMEL)	Туре		Value	I	Remark
DNEL	Long-term local eff	ects inhalation	1 mg/m ³		
	Acute local effects	inhalation	4 mg/m ³		
propylidynetrimethanol					
Effect level (DNEL/DMEL)	Туре		Value		Remark
DNEL	Long-term systemi	c effects inhalation	0.58 mg/m ³	:	
	Long-term systemi	c effects dermal	0.34 mg/kg	bw/day	
	Long-term systemi	c effects oral	0.34 mg/kg	bw/day	
PNEC citric acid					
Compartments	Va	lue		Remark	
Fresh water	0.4	14 mg/l			
Marine water	0.0)44 mg/l			
STP	10	00 mg/l			
Fresh water sediment	34	.6 mg/kg sediment dw			
Marine water sediment	3.4	16 mg/kg sediment dw			

Marine water sediment	3.46 mg/kg sediment dw	
Soil	33.1 mg/kg soil dw	
alcium dihydroxide		
Compartments	Value	Remark
Fresh water	0.49 mg/l	
Fresh water (intermittent releases)	0.49 mg/l	
Marine water	0.32 mg/l	
STP	3 mg/l	
Soil	1080 mg/kg soil dw	

8.2. Exposure controls

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

8.2.1 Appropriate engineering controls

Avoid raising dust. Keep away from naked flames/heat. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

8.2.2 Individual protection measures, such as personal protective equipment Observe strict hygiene. Do not eat, drink or smoke during work.

a) Respiratory protection:

Dust production: dust mask with filter type P2.

b) Hand protection:

Protective gloves against chemicals (EN 374).

c) Eye protection:

Face shield (EN 166). In case of dust production: protective goggles (EN 166).

d) Skin protection:

Protective clothing (EN 14605 or EN 13034). In case of dust production: head/neck protection. In case of dust production: dustproof clothing (EN 13982).

8.2.3 Environmental exposure controls:

See sections 6.2, 6.3 and 13

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical form	Solid
	Powder
Odour	Stuffy odour
Odour threshold	No data available in the literature
Colour	Variable in colour, depending on the composition
Particle size	No data available in the literature
Explosion limits	No data available in the literature
Flammability	Not classified as flammable
Log Kow	Not applicable (mixture)
Dynamic viscosity	Not applicable (solid)
Kinematic viscosity	Not applicable (solid)
Melting point	No data available in the literature
Boiling point	No data available in the literature
Relative vapour density	Not applicable (solid)
Vapour pressure	Not applicable (solid)
Solubility	No data available in the literature
Relative density	No data available in the literature
Absolute density	No data available in the literature
Decomposition temperature	No data available in the literature
Auto-ignition temperature	No data available in the literature
Flash point	Not applicable (solid)
рН	8.4;10%

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Heating increases the fire hazard. Basic reaction.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reacts violently with (strong) oxidizers.

10.4. Conditions to avoid

Precautionary measures

Avoid raising dust. Keep away from naked flames/heat.

10.5. Incompatible materials

(strong) acids.

10.6. Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

11.1.1 Test results

Acute toxicity

Milk Paint

No (test)data on the mixture available Judgement is based on the relevant ingredients

Judgement is	based of	i the relev	ant ingred
citric acid			

Route of exposure	Parameter	Method	Value	Exposure time			Remark
						determination	
Oral	LD50	Equivalent to OECD 401	5400 mg/kg bw		Mouse (male / female)	Experimental value	
Dermal	LD50	OECD 402	> 2000 mg/kg bw	24 h	Rat (male / female)	Experimental value	
Inhalation						Data waiving	

Route of exposure	Parameter	Method	Value	Exposure time S	pecies	Value determination	Remark
Oral	LD50	OECD 425	> 2000 mg/kg bw	R	at (female)	Experimental value	
Dermal	LD50	OECD 402	> 2500 mg/kg bw		abbit (male / emale)	Experimental value	
Inhalation (dust)	LC50	OECD 436	> 6.04 mg/l		at (male / emale)	Experimental value	
nestone							
Route of exposure	Parameter	Method	Value		pecies	Value determination	Remark
Oral	LD50		6450 mg/kg		at	Literature study	
			of particles with aero				
Route of exposure	Parameter	Method	Value		pecies	Value determination	Remark
Oral	LD50	OECD 401	> 2000 mg/kg bw		at (male / emale)	Experimental value	
Dermal						Data waiving	
Inhalation (dust)	LC50	OECD 403	> 5.09 mg/l	4 h R	at (male)	Experimental value	
opylidynetrimethand	<u></u>		0,		. ,		
Route of exposure	Parameter	Method	Value	Exposure time S	pecies	Value determination	Remark
Oral	LD50		14700 mg/kg bw	R	at (male)	Experimental value	
Dermal	LD50		> 10000 mg/kg bw		abbit	Literature study	
Inhalation (aerosol) LC50		> 0.85 mg/l air	4 h R	at (male)	Experimental value	
on/irritation l <u>aint</u> o (test)data on the m assification is based o							
aint o (test)data on the m	on the relevant		Exposure time	Time point	Species	Value	Remark
<u>aint</u> o (test)data on the m assification is based o <u>ric acid</u> Route of exposure	on the relevant Result	ingredients Method	Exposure time			determination	
aint o (test)data on the m assification is based o ric acid	on the relevant	ingredients Method	Exposure time	Time point 1; 24; 48; 72 hours			Remark
<u>aint</u> o (test)data on the m assification is based o <u>ric acid</u> Route of exposure	on the relevant Result	ingredients Method	Exposure time		Rabbit	determination Experimental	10 % aqueo
aint o (test)data on the m assification is based o <u>ric acid</u> Route of exposure Eye	on the relevant Result Slightly irritatio	ingredients Method ng OECD 405	Exposure time	1; 24; 48; 72 hours	Rabbit Rabbit	determination Experimental value Experimental	10 % aqueo solution 30% aqueo
aint o (test)data on the m assification is based o ric acid Route of exposure Eye Eye	on the relevant Result Slightly irritatin Irritating	ingredients Method ng OECD 405 OECD 405		1; 24; 48; 72 hours	Rabbit Rabbit	determination Experimental value Experimental value Experimental	10 % aqueo solution 30% aqueo
aint o (test)data on the m assification is based o ric acid Route of exposure Eye Eye Skin	on the relevant Result Slightly irritatii Irritating Not irritating	ingredients Method ng OECD 405 OECD 405		1; 24; 48; 72 hours	Rabbit Rabbit	determination Experimental value Experimental value Experimental	10 % aqueo solution 30% aqueo
aint o (test)data on the m assification is based o ric acid Route of exposure Eye Eye Skin Icium dihydroxide	on the relevant Result Slightly irritatii Irritating Not irritating	ingredients Method ng OECD 405 OECD 405 OECD 404	4 h	1; 24; 48; 72 hours 1; 24; 48; 72 hours 1; 24; 48; 72 hours	Rabbit Rabbit Rabbit Species	determination Experimental value Experimental value Experimental value Value	10 % aqueo solution 30% aqueo solution
aint o (test)data on the m assification is based of ric acid Route of exposure Eye Eye Skin Icium dihydroxide Route of exposure	on the relevant Result Slightly irritatin Irritating Not irritating Result Serious eye	ingredients Method ng OECD 405 OECD 405 OECD 404 OECD 404	4 h	1; 24; 48; 72 hours 1; 24; 48; 72 hours 1; 24; 48; 72 hours 1; 24; 48; 72 hours	Rabbit Rabbit Rabbit Species	determination Experimental value Experimental value Experimental value Value Value Experimental Experimental	10 % aqueo solution 30% aqueo solution
aint aint b (test)data on the m assification is based of ric acid Route of exposure Eye Eye Skin cium dihydroxide Route of exposure Eye	Result Slightly irritatin Irritating Not irritating Result Serious eye damage Irritating Irritating Irritating	ingredients Method OECD 405 OECD 405 OECD 404 OECD 404 OECD 404 OECD 405 OECD 405	4 h Exposure time	1; 24; 48; 72 hours Time point 1; 24; 48; 72 hours	Rabbit Rabbit Rabbit Species Rabbit	determination Experimental value Experimental value Experimental value Value Experimental value Experimental value Experimental value Experimental value	10 % aqueo solution 30% aqueo solution
aint aint o (test)data on the m assification is based of ric acid Route of exposure Eye Skin Icium dihydroxide Route of exposure Eye Skin	on the relevant Result Slightly irritatin Irritating Not irritating Result Serious eye damage Irritating	ingredients Method OECD 405 OECD 405 OECD 404 OECD 404 OECD 404 OECD 405 OECD 405	4 h Exposure time	1; 24; 48; 72 hours Time point 1; 24; 48; 72 hours	Rabbit Rabbit Rabbit Species Rabbit	determination Experimental value Experimental value Experimental value Value Experimental value Experimental value Experimental value Experimental value Value	10 % aqueo solution 30% aqueo solution
aint o (test)data on the m assification is based of ric acid Route of exposure Eye Skin Cium dihydroxide Route of exposure Eye Skin Inhalation	on the relevant Result Slightly irritatin Irritating Not irritating Result Serious eye damage Irritating Irritating; STOT SE cat.3	ingredients Method OECD 405 OECD 405 OECD 404 OECD 404 OECD 404 OECD 405 OECD 405	4 h Exposure time	1; 24; 48; 72 hours Time point 1; 24; 48; 72 hours	Rabbit Rabbit Rabbit Species Rabbit	determination Experimental value Experimental value Experimental value Value Experimental value Experimental value Experimental value Experimental value Value	10 % aqueo solution 30% aqueo solution
aint aint b (test)data on the massification is based of assification is based of Route of exposure Eye Skin <u>Inter of exposure</u> Eye Skin Inhalation <u>Destone</u>	on the relevant Result Slightly irritatin Irritating Not irritating Result Serious eye damage Irritating Irritating; STOT SE cat.3	ingredients Method OECD 405 OECD 404	4 h Exposure time 4 h 4 h	1; 24; 48; 72 hours 24; 48; 72 hours	Rabbit	determination Experimental value Experimental value Experimental value Experimental value Value determination Experimental value Experimental value Literature study Value	10 % aquec solution 30% aqueo solution Remark
aint aint b (test)data on the massification is based of assification is based of Route of exposure Eye Skin <u>Cium dihydroxide</u> Route of exposure Eye Skin Inhalation <u>nestone</u> Route of exposure	on the relevant Result Slightly irritatin Irritating Not irritating Result Serious eye damage Irritating Irritating; STOT SE cat.3 Result	ingredients Method OECD 405 OECD 404	4 h Exposure time 4 h 4 h	1; 24; 48; 72 hours 24; 48; 72 hours	Rabbit	determination Experimental value Experimental value Experimental value Value determination Experimental value Experimental value Literature study Value Value	10 % aquec solution 30% aquec solution Remark
aint aint b (test)data on the massification is based of assification is based of Route of exposure Eye Skin <u>cium dihydroxide</u> Route of exposure Eye Skin Inhalation mestone Route of exposure Eye Skin	on the relevant Result Slightly irritatin Irritating Not irritating Result Serious eye damage Irritating Irritating; STOT SE cat.3 Result Slightly irritatin Not irritating	ingredients Method OECD 405 OECD 404 OE	4 h Exposure time 4 h 4 h	1; 24; 48; 72 hours 24; 48; 72 hours 24; 48; 72 hours Time point 1; 24; 48; 72 hours 24; 48; 72 hours 1	Rabbit Rabbit Rabbit Species Rabbit Rabbit Rabbit Rabbit Rabbit Rabbit Rabbit Rabbit	determination Experimental value Experimental value Experimental value Experimental value Value determination Experimental value Literature study Value determination	10 % aque solution 30% aque solution Remark
aint aint b (test)data on the massification is based of assification is based of Route of exposure Eye Skin <u>cium dihydroxide</u> Route of exposure Eye Skin Inhalation mestone Route of exposure Eye Skin	on the relevant Result Slightly irritatin Irritating Not irritating Result Serious eye damage Irritating Irritating; STOT SE cat.3 Result Slightly irritatin Not irritating owder form cor	ingredients Method OECD 405 OECD 404 OE	4 h 4 h 4 h 4 h 4 h 4 h 5 mm time 5 mm time 5 mm time 5 mm time 5 mm time 5 mm time	1; 24; 48; 72 hours 24; 48; 72 hours 24; 48; 72 hours Time point 1; 24; 48; 72 hours 24; 48; 72 hours 1	Rabbit Rabbit Rabbit Species Rabbit Rabbit Rabbit Rabbit Rabbit Rabbit Rabbit Rabbit	determination Experimental value Experimental value Experimental value Experimental value Value determination Experimental value Literature study Ualue Ualue Ualue Experimental value Literature study Literature study Literature study Literature study Literature study	10 % aquec solution 30% aquec solution Remark
aint aint b (test)data on the massification is based of assification is based of Route of exposure Eye Skin <u>cium dihydroxide</u> Route of exposure Eye Skin Inhalation mestone Route of exposure Eye Skin anium dioxide; [in position of the p	on the relevant Result Slightly irritatin Irritating Not irritating Result Serious eye damage Irritating Irritating; STOT SE cat.3 Result Slightly irritatin Not irritating owder form cor	ingredients Method OECD 405 OECD 404 OECD 404 OECD 404 OECD 404 OECD 404 OECD 404 Method Method Method I I I I I I I I I I I I I I I I I I	4 h 4 h 4 h 4 h 4 h 4 h 5 m 5 m 6 m 6 m 6 m 6 m 7 m 6 m 7 m 7 m 7 m 7 m 7 m 7 m 7 m 7	1; 24; 48; 72 hours 24; 48; 72 hours 24; 48; 72 hours 1 <	Rabbit Rabbit Rabbit Species Rabbit Rabbit Rabbit Rabbit Rabbit Rabbit Rabbit Species Lum] Species	determination Experimental value Literature study Literature study Literature study	10 % aquec solution 30% aqueo solution Remark Remark

				Milk F	Paint			
Route of exposure		Method		Exposure time	Time point	Species	Value	Remark
Еуе	Not irritating	g BASF te	st		24; 48 hours	Rabbit	determination Experimental value	Single treatm
Skin	Not irritating	5		24 h	7 days	Rabbit	Experimental value	
nclusion Causes skin irritation. Causes serious eye da Jot classified as irrital atory or skin sensitis	ting to the resp	piratory system						
<u>Paint</u> No (test)data on the r udgement is based or								
itric acid Route of exposure	Result	Method		Exposure time	Observation time	Species	Value determination	n Remark
Skin					point		Data waiving	
Inhalation							Data waiving	1
alcium dihydroxide				·				·
Route of exposure	Result	Method		Exposure time	Observation time point	Species	Value determination	n Remark
	Not sensitizing	•				Mouse (female)	Experimental value	
itanium dioxide; [in p	owder form co	ontaining 1 % o	r more of	1	dynamic diameter ≤	<u>10 µm]</u>		
Route of exposure	Result	Method		Exposure time	Observation time point	Species	Value determination	n Remark
Skin	Not sensitizin	g Equivalent 429	to OECD			Mouse (female)	Experimental value	
	Not sensitizing	g				Mouse (female)	Experimental value	
propylidynetrimethan								
Route of exposure	Result	Method		Exposure time	Observation time point	Species	Value determination	n Remark
Dermal (on the ears)	Not sensitizin	g OECD 429				Mouse (female)	Experimental value	
nclusion Not classified as sensi Not classified as sensi ic target organ toxici <u>Paint</u> o (test)data on the mi udgement is based ou <u>itric acid</u>	tizing for skin ty xture available	e						
Route of exposure	e Parameter	Method	Value	Organ	Effect	Exposure time	Species	Value determinatio
Oral (stomach tube)	NOAEL	Subacute toxicity test	4000 mg	g/kg	No effect	5 day(s)	Rat	Experimenta value
alcium dihydroxide	I	,	1 , ,	I	<u>I</u>	l	I	
Route of exposure	e Parameter	Method	Value	Organ	Effect	Exposure time	Species	Value determinatio
Oral (stomach tube)	NOAEL	OECD 422	1000 mរុ bw/day	g/kg	No effect		Rat (male / female)	Experimenta value
Dermal								Data waiving
Inhalation (dust)	NOAEC	OECD 412	0 107 m	a/I	No offort	2 weeks (6h / day	/ 5 Pat (male /	Exporimonto

Route of exposure	Parameter	Method	Value	Organ	Effect	Exposure time	Species	Value determination
Oral (stomach tube)	NOAEL	Subacute toxicity test	4000 mg/kg bw/day		No effect	5 day(s)	Rat	Experimental value
<u>cium dihydroxide</u>	-						-	
Route of exposure	Parameter	Method	Value	Organ	Effect	Exposure time	Species	Value determination
Oral (stomach tube)	NOAEL	OECD 422	1000 mg/kg bw/day		No effect		Rat (male / female)	Experimental value
Dermal								Data waiving
Inhalation (dust)	NOAEC	OECD 412	0.107 mg/l		No effect	2 weeks (6h / day, 5 days / week)	Rat (male / female)	Experimental value
artz (SiO2)			-			•	-	
Route of exposure	Parameter	Method	Value	Organ	Effect	Exposure time	Species	Value determination
Inhalation (dust)			STOT RE cat.2					Literature stud
nium dioxide; [in pov	wder form co	ontaining 1 % o	r more of particle	s with aerod	ynamic diameter	<u>≤ 10 μm]</u>	_	
Route of exposure	Parameter	Method	Value	Organ	Effect	Exposure time	Species	Value determination
Oral (stomach tube)	NOAEL	OECD 408	> 1000 mg/kg bw/day		No effect	90 day(s)	Rat (male / female)	Experimental value
Dermal								Data waiving

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Route of exposure	Parameter	Method	Value		Organ	Effect		Exposure time	S	pecies	Value
					• · 8*					,peciec	determinat
Oral (diet)	NOAEL	Subchronic toxicity test	67 mg/ bw/day	•	Liver; spleen	No ef	fect	90 day(s)		Rat (male / female)	Experiment value
Inhalation	NOAEC	Subacute toxicity test	3.5 ppn	n		No ef	fect	2 weeks (6h / d days / week)		Rat (male / female)	Experimen value
nclusion Not classified for subch	ronic toxicity	/									
genicity (in vitro) Paint											
<u>r ann</u> No (test)data on the mi	xture availal	ble									
Judgement is based on											
citric acid											
Result	Met			Test sub			ffect			etermination	Remark
Negative with meta activation, negative without metabolic activation		valent to OECD	471	Bacteria	(S.typhimuriur	n)			Experim	ental value	
Positive without metabolic activation calcium dihydroxide		valent to OECD	487	Human l	ymphocytes				Experim	ental value	
Result	Met	hod	ŀ	Test sub	strate	F	ffect	h	value de	termination	Remark
Negative with meta activation, negative without metabolic activation	bolic OEC	D 471			(S.typhimuriur					ental value	
Negative with meta activation, negative without metabolic activation		D 473		Human l	ymphocytes				Experim	ental value	
itanium dioxide; [in po	wder form c	ontaining 1 % o	r more of	particles	with aerodyna	amic dia	ameter	<u>≤ 10 µm]</u>			
Result	Met	hod	·	Test sub	strate	E	ffect	N	Value de	etermination	Remark
Negative with meta activation, negative without metabolic activation		D 473		Chinese (CHO)	hamster ovary				Experim	ental value	
Negative with meta activation, negative without metabolic activation		D 471		Bacteria	(S.typhimuriur	n)			Experim	ental value	
propylidynetrimethanol											
Result	Met			Test sub			ffect			termination	Remark
Negative with meta activation, negative without metabolic activation		D 471		Bacteria	(S.typhimuriur	n)			Experim	ental value	
Negative with meta activation, negative without metabolic activation		D 476		Chinese fibroblas	hamster lung sts (V79)			1	Experim	ental value	
Negative with meta activation, negative without metabolic		D 473		CHL/IU c	ells			1	Experim	ental value	

Mutagenicity (in vivo)

Milk Paint

No (test)data on the mixture available

Judgement is based on the relevant ingredients

citric acid

Result	Method	Exposure time	Test substrate	Organ	Value determination				
Negative (Oral (stomach tube))	Equivalent to OECD	5 days (1x / day)	Rat (male / female)		Experimental value				
	475								
tanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm]									
Result	Method	Exposure time	Test substrate	Organ	Value determination				
Negative (Oral (stomach tube))	OECD 474		Mouse (male / female)		Experimental value				

Conclusion

Not classified for mutagenic or genotoxic toxicity

Carcinogenicity

<u>Milk Paint</u>

No (test)data on the mixture available

Classification is based on the relevant ingredients

itric acid					-			
Route of exposure	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Unknown								Data waiving
alcium dihydrox	<u>ide</u>							
Route of	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
exposure								
Oral (drinking water)	NOAEL	Carcinogenic toxicity study	2150 mg/kg bw/day - 2280 mg/kg bw/day	104 week(s)	Rat (male / female)	No carcinogenic effect		Read-across
tanium dioxide	; [in powder fo	rm containing 1 %	or more of part	icles with aerodynami	c diameter ≤ 10 μ	<u>m]</u>		
Route of exposure	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Inhalation (dust)	NOAEC	OECD 453	5 mg/m ³ air	104 weeks (6h / day, 5 days / week)	Rat (male / female)	No carcinogenic effect	Lungs	Experimental value
Oral (diet)	NOEL	Carcinogenic toxicity study	50000 ppm	103 weeks (7 days / week)	Rat (male / female)	No carcinogenic effect		Experimental value
ropylidynetrim	ethanol				-			
Route of exposure	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Unknown								Data waiving

Conclusion

Suspected of causing cancer if inhaled.

Reproductive toxicity

Milk Paint

No (test)data on the mixture available

Judgement is based on the relevant ingredients citric acid

	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Developmental toxicity (Oral (stomach tube))	NOAEL	Developmenta I toxicity study	> 295 mg/kg bw/day	10 day(s)	Rat	No effect		Experimental value
Effects on fertility (Oral (diet))	NOAEL		5 %	90 week(s)	Rat (male / female)	No effect		Experimental value
ium dihydroxide								
	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Developmental toxicity (Oral (stomach tube))	NOAEL	Equivalent to OECD 414	≥ 440 mg/kg bw/day	10 days (gestation, daily)	Mouse	No effect		Read-across
Maternal toxicity (Oral (stomach tube))	NOAEL	Equivalent to OECD 414	≥ 440 mg/kg bw/day	10 days (gestation, daily)	Mouse	No effect		Read-across
Effects on fertility (Oral (stomach tube))	NOEL	OECD 422	1000 mg/kg bw/day		Rat (male / female)	No effect		Experimental value
nium dioxide; [in powder	form containin	ig 1 % or more of r	particles with a	erodynamic diamete	er ≤ 10 μm]		•	
	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Developmental toxicity (Oral (stomach tube))	NOAEL	OECD 414	1000 mg/kg bw/day	2 weeks (7 days / week)	Rat	No effect		Experimental value
Maternal toxicity (Oral (stomach tube))	NOAEL	OECD 414	1000 mg/kg bw/day	2 weeks (7 days / week)	Rat	No effect		Experimental value
pylidynetrimethanol	·							
	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Developmental toxicity	NOEL	OECD 414	100 mg/kg bw/day	15 days (gestation, daily)	Rat	No effect	Foetus	Experimental value
(Oral (stomach tube))								
	NOAEL	OECD 414	100 mg/kg bw/day	15 days (gestation, daily)	Rat	No effect		Experimental value

Not classified for reprotoxic or developmental toxicity

Toxicity other effects

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Milk Paint

No (test)data on the mixture available

Chronic effects from short and long-term exposure

Milk Paint

Lung tissue affection/degeneration.

11.2. Information on other hazards

No evidence of endocrine disrupting properties

SECTION 12: Ecological information

12.1. Toxicity

Milk Paint

No (test)data on the mixture available

Judgement of the mixture is based on the relevant ingredients citric acid

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LC50	Equivalent to OECD 203	440 mg/l - 760 mg/l	48 h	Leuciscus idus	Static system	Fresh water	Experimental value; Nominal concentration
Acute toxicity crustacea	LC50		1535 mg/l	24 h	Daphnia magna	Static system	Fresh water	Experimental value; Nominal concentration
Toxicity algae and other aquatic plants	NOEC		425 mg/l	8 day(s)	Scenedesmus quadricauda	Static system	Fresh water	Experimental value; Cell numbers
Long-term toxicity fish								Data waiving
Long-term toxicity aquatic crustacea								Data waiving
Toxicity aquatic micro- organisms	Toxicity threshold		> 10000 mg/l	16 h	Pseudomonas putida	Static system	Fresh water	Experimental value; Inhibition
alcium dihydroxide								-
	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LC50	OECD 203	50.6 mg/l	96 h	Oncorhynchus mykiss	Static system	Fresh water	Experimental value; Lethal
Acute toxicity crustacea	EC50	OECD 202	49.1 mg/l	48 h	Daphnia magna	Static system	Fresh water	Experimental value; Locomotor effect
Toxicity algae and other aquatic plants	EC50	OECD 201	184.57 mg/l	72 h	Pseudokirchneri ella subcapitata	Static system	Fresh water	Experimental value; Growth rate
	NOEC	OECD 201	48 mg/l	72 h	Pseudokirchneri ella subcapitata	Static system	Fresh water	Experimental value; Growth rate
Long-term toxicity aquatic crustacea	NOEC		32 mg/l	14 day(s)	Crangon sp.	Semi-static system	Salt water	Experimental value; Growth
Toxicity aquatic micro- organisms	EC50	OECD 209	300.4 mg/l	3 h	Activated sludge	Static system	Fresh water	Experimental value; Respiration
<u>mestone</u>								
	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determinatio
Acute toxicity fishes	LC50		> 10000 mg/l	96 h	Oncorhynchus mykiss			Literature study
Acute toxicity crustacea	EC50		> 1000 mg/l	48 h	Daphnia magna			Literature study
Toxicity algae and other aquatic plants	EC50		> 200 mg/l	72 h	Desmodesmus subspicatus			Literature study
tanium dioxide; [in powder for	m containing 1	% or more of pa	rticles with aer	odynamic di	ameter ≤ 10 μm]			
	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determinatio
Acute toxicity fishes	LC50		> 1000 mg/l		Pisces		Fresh water	
Acute toxicity crustacea	EC50		> 1000 mg/l		Invertebrata		Fresh water	
Toxicity algae and other aquatic plants	EC50	OECD 201	> 100 mg/l	72 h	Pseudokirchneri ella subcapitata	Static system	Fresh water	Experimental value Growth rate
	NOEC	OECD 201	≥ 100 mg/l	72 h	Pseudokirchneri ella subcapitata	Static system	Fresh water	Experimental value Growth rate

<u>ropylidynetrimethanol</u>	pylidynetrimethanol								
	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination	
Acute toxicity fishes	LC50		> 1000 mg/l	96 h	Alburnus alburnus	Static system	Brackish water	Experimental value; Nominal concentration	
Acute toxicity crustacea	EC50	ASTM	13000 mg/l	48 h	Daphnia magna	Static system	Fresh water	Experimental value; Locomotor effect	
Toxicity algae and other aquatic plants	EC50		> 1000 mg/l	72 h	Pseudokirchneri ella subcapitata		Fresh water	Experimental value; Biomass	

Conclusion

Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008

12.2. Persistence and degradability

<u>citric acid</u>

Method Value Duration Value determination									
97 %; Carbon dioxide	28 day(s)	Weight of evidence							
Phototransformation air (DT50 air)									
Method Value Conc. OH-radicals Value determination									
18.274 h	1.5E6 /cm ³	Calculated value							
	97 %; Carbon dioxide	97 %; Carbon dioxide 28 day(s) Value Conc. OH-radicals							

Biodegradation water

	Method	Value	Duration	Value determination						
	OECD 301E	6 %; GLP	28 day(s)	Experimental value						
P	Phototransformation air (DT50 air)									
	Method	Value	Conc. OH-radicals	Value determination						
	AOPWIN v1.92	9.302 h	1.5E6 /cm³	Calculated value						

Conclusion

Water

Contains non readily biodegradable component(s)

12.3. Bioaccumulative potential

Milk Paint

Log Kow

Method	Remark	Value	Temperature	Value determination						
	Not applicable (mixture)									
<u>citric acid</u>										
Log Kow										

	Method	Remark	Value	Temperature	Value determination
			-1.81.55		Experimental value
<u>cal</u>	<u>cium dihydroxide</u>				

Log Kow

	Method	Remark	Value	Temperature	Value determination
		No data available			
kao	lin				

Log Kow				
Method	Remark	Value	Temperature	Value determination
	No data available			
mestone				
Log Kow				
Method	Remark	Value	Temperature	Value determination
	Not applicable			
uartz (SiO2)			·	
Log Kow				
Method	Remark	Value	Temperature	Value determination
	No data available			
itanium dioxide; [in po	wder form containing 1 % or more o	of particles with aerodyna	mic diameter ≤ 10 μm]	•
Log Kow				
Method	Remark	Value	Temperature	Value determination

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propylidynetrimethanol

BCF fishes							
Parameter	Method		Value	Duration	Species		Value determination
BCF	OECD 305		0.1 - 10; GLP	6 week(s)	Cyprinus	carpio	Experimental value
Log Kow	·						
Method		Remark		Value		Temperature	Value determination
				-0.47		26 °C	Experimental value

Conclusion

No straightforward conclusion can be drawn based upon the available numerical values

12.4. Mobility in soil

citric acid

	Parameter	Method	Value	Value determination
	log Koc	SRC PCKOCWIN v2.0	1.000	Calculated value
pro	pylidynetrimethanol		-	

(log) Koc

Parameter	Method	Value	Value determination
log Koc	SRC PCKOCWIN v2.0	0.176	Calculated value

Conclusion

Contains component(s) with potential for mobility in the soil

12.5. Results of PBT and vPvB assessment

Due to insufficient data no statement can be made whether the component(s) fulfil(s) the criteria of PBT and vPvB according to Annex XIII of Regulation (EC) No 1907/2006.

12.6. Endocrine disrupting properties

No evidence of endocrine disrupting properties

12.7. Other adverse effects

<u>Milk Paint</u>

Greenhouse gases None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014) Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009)

citric acid Groundwater Groundwater pollutant Water ecotoxicity pH pH shift

calcium dihydroxide Groundwater Groundwater pollutant Water ecotoxicity pH pH shift

propylidynetrimethanol Groundwater Groundwater pollutant

SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

13.1. Waste treatment methods

13.1.1 Provisions relating to waste

European Union

Hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014 and Regulation (EU) No 2017/997. Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).

08 01 19* (wastes from MFSU and removal of paint and varnish: aqueous suspensions containing paint or varnish containing organic solvents or other hazardous substances). Depending on branch of industry and production process, also other waste codes may be applicable.

13.1.2 Disposal methods

Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Do not discharge into drains or the environment. Dispose of at authorized waste collection point.

13.1.3 Packaging/Container

European Union

. Waste material code packaging (Directive 2008/98/EC).

15 01 10* (packaging containing residues of or contaminated by dangerous substances).

SECTION 14: Transport information

Road (ADR), Rail (RID), Inland waterways (ADN), Sea (IMDG/IMSBC), Air (ICAO-TI/IATA-DGR)

14.1. UN number	Not subject	
Transport	Not subject	
4.2. UN proper shipping name		
4.3. Transport hazard class(es)		
Hazard identification number		
Class		
Classification code		
4.4. Packing group		
Packing group		
Labels		
4. <u>5. Environmental hazards</u>		
Environmentally hazardous substance mark	no	
4.6. Special precautions for user		
Special provisions		
Limited quantities		
4.7. Maritime transport in bulk according to IMO instruments		
Annex II of MARPOL 73/78	Not applicable	

SECTION 15: Regulatory information

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

European legislation:

VOC content R	Remark
0 %	

National legislation Belgium

IVIIIK Paliti	
No data	available

west (CO2)

g	uartz (SIO2)	
	Additional classification	Silices cristallines : quartz (poussières alvéolaires); C; La mention "C" signifie que l'agent en question relève du champ
		d'application de l'arrêté royal du 2 décembre 1993 concernant la protection des travailleurs contre les risques liés à
		l'exposition à des agents cancérigènes et mutagènes et reprotoxiques au travail.

National legislation The Netherlands

Milk Paint	
Waterbezwaarlijkheid	A (4); Algemene Beoordelingsmethodiek (ABM)
<u>quartz (SiO2)</u>	
SZW - Lijst van	silica (respirabel stof, kristallijn); Listed in SZW-list of carcinogenic substances
kankerverwekkende stoffen	

National legislation France

Milk Paint

No data available

titanium dioxide; [in powder form	containing 1 % or more of particles with aerodynamic diameter \leq 10 μ m]
Catégorie cancérogène	Titane (dioxyde de), en Ti; C2

National legislation Germany

Lagerklasse (TRGS510)	11: Brennbare Feststoffe, die keiner der vorgenannten LGK zuzuordnen sind
WGK	1; Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (AwSV) - 18. April 2017
itric acid	1
TA-Luft	5.2.1
TRGS900 - Risiko der	Zitronensäure; Y; Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischer
Fruchtschädigung	Grenzwertes nicht befürchtet zu werden
alcium dihydroxide	
TA-Luft	5.2.1
TRGS900 - Risiko der	Calciumdihydroxid; Y; Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des
Fruchtschädigung	biologischen Grenzwertes nicht befürchtet zu werden
<u>aolin</u>	
TA-Luft	5.2.1
<u>mestone</u>	
TA-Luft	5.2.1
uartz (SiO2)	
TA-Luft	5.2.1

	Milk Paint
titanium dioxide; [i	in powder form containing 1 % or more of particles with aerodynamic diameter \leq 10 µm]
TA-Luft	5.2.1
propylidynetrimeth	nanol
TA-Luft	5.2.5/I
ational legislation U	nited Kingdom
Milk Paint	
No data available	2
quartz (SiO2)	Cilian yaaniyahla ayustalliya (yaaniyahla fuastian). Caya
Carcinogen	Silica, respirable crystalline (respirable fraction); Carc
her relevant data	
<u>Milk Paint</u>	
No data available	2
<u>kaolin</u>	1
TLV - Carcinogen	Kaolin; A4
<u>quartz (SiO2)</u>	
TLV - Carcinogen	
IARC - classificati	
	in powder form containing 1 % or more of particles with aerodynamic diameter \leq 10 µm]
TLV - Carcinogen	
	On UR: Litanium diovide
N 16: Othe Il text of any H- and H315 Causes skin	y assessment v assessment has been conducted for the mixture. r information EUH-statements referred to under section 3: irritation.
Chemical safety No chemical safety NO 16: Othe Il text of any H- and H315 Causes skin H318 Causes seric H319 Causes seric	y assessment r assessment has been conducted for the mixture. r information EUH-statements referred to under section 3: irritation. bus eye damage. bus eye irritation.
Chemical safety No chemical safety NO 16: Othe Il text of any H- and H315 Causes skin H318 Causes seric H319 Causes seric H335 May cause r	y assessment r assessment has been conducted for the mixture. r information EUH-statements referred to under section 3: irritation. pus eye damage. pus eye irritation. respiratory irritation.
Chemical safety No chemical safety NO 16: Othe It text of any H- and H315 Causes skin H318 Causes seric H319 Causes seric H319 Causes seric H315 May cause r H351 Suspected o	y assessment r assessment has been conducted for the mixture. r information EUH-statements referred to under section 3: irritation. bus eye damage. bus eye irritation. respiratory irritation. respiratory irritation. of causing cancer if inhaled.
Chemical safety No chemical safety NO 16: Othe It text of any H- and H315 Causes skin H318 Causes seric H319 Causes seric H319 Causes seric H335 May cause r H351 Suspected o H361fd Suspected	y assessment r assessment has been conducted for the mixture. r information EUH-statements referred to under section 3: irritation. bus eye damage. bus eye irritation. respiratory irritation. of causing cancer if inhaled. d of damaging fertility. Suspected of damaging the unborn child.
Chemical safety No chemical safety NO 16: Othe It text of any H- and H315 Causes skin H318 Causes seric H319 Causes seric H319 Causes seric H335 May cause r H351 Suspected o H361fd Suspected	y assessment r assessment has been conducted for the mixture. r information EUH-statements referred to under section 3: irritation. bus eye damage. bus eye irritation. respiratory irritation. respiratory irritation. of causing cancer if inhaled.
Chemical safety No chemical safety NO 16: Othe It text of any H- and H315 Causes skin H318 Causes seric H319 Causes seric H319 Causes seric H315 May cause r H351 Suspected o H361fd Suspected	y assessment r assessment has been conducted for the mixture. r information EUH-statements referred to under section 3: irritation. bus eye damage. bus eye irritation. respiratory irritation. of causing cancer if inhaled. d of damaging fertility. Suspected of damaging the unborn child.
Chemical safety No chemical safety NO 16: Othe It text of any H- and H315 Causes skin H318 Causes seric H319 Causes seric H319 Causes seric H319 Causes seric H315 May cause of H351 Suspected of H351 Suspected of H361fd Suspected H373 May cause of	y assessment r assessment has been conducted for the mixture. r information EUH-statements referred to under section 3: irritation. bus eye damage. bus eye irritation. respiratory irritation. of causing cancer if inhaled. d of damaging fertility. Suspected of damaging the unborn child. damage to organs through prolonged or repeated exposure if inhaled.
Chemical safety No chemical safety No chemical safety N 16: Othe H315 Causes serie H315 Causes serie H319 Causes serie H319 Causes serie H335 May cause of H351 Suspected of H361fd Suspected H373 May cause of (*) ADI AOEL	y assessment r assessment has been conducted for the mixture. r information EUH-statements referred to under section 3: irritation. bus eye damage. bus eye damage. bus eye irritation. of causing cancer if inhaled. d of damaging fertility. Suspected of damaging the unborn child. d admage to organs through prolonged or repeated exposure if inhaled. INTERNAL CLASSIFICATION BY BIG Acceptable daily intake Acceptable operator exposure level
Chemical safety No chemical safety No chemical safety N 16: Othe H315 Causes serie H315 Causes serie H318 Causes serie H319 Causes serie H335 May cause of H351 Suspected of H351 Suspected of H351 May cause of H373 May cause of (*) ADI AOEL ATE	y assessment r assessment has been conducted for the mixture. r information EUH-statements referred to under section 3: irritation. bus eye damage. bus eye damage. bus eye irritation. of causing cancer if inhaled. d of damaging fertility. Suspected of damaging the unborn child. damage to organs through prolonged or repeated exposure if inhaled. INTERNAL CLASSIFICATION BY BIG Acceptable daily intake Acceptable operator exposure level Acute Toxicity Estimate
Chemical safety No chemical safety No chemical safety NO 16: Othe H315 Causes serie H319 Causes serie H319 Causes serie H335 May cause r H351 Suspected of H351 Suspected of H361fd Suspected H373 May cause r (*) ADI AOEL ATE CLP (EU-GHS)	y assessment r assessment has been conducted for the mixture. r information EUH-statements referred to under section 3: irritation. bus eye damage. bus eye damage. bus eye irritation. of causing cancer if inhaled. d of damaging fertility. Suspected of damaging the unborn child. damage to organs through prolonged or repeated exposure if inhaled. INTERNAL CLASSIFICATION BY BIG Acceptable daily intake Acceptable operator exposure level Acute Toxicity Estimate Classification, labelling and packaging (Globally Harmonised System in Europe)
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