

SAFETY DATA SHEET

Based upon Regulation (EC) No 1907/2006, as amended by Regulation (EU) No 2015/830

Wickes Flexible Polycarbonate Sealant Clear

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

1.1. Product identifier

Product name **Registration number REACH** Product type REACH

- : Wickes Flexible Polycarbonate Sealant Clear
- : Not applicable (mixture) : Mixture

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

1.2.1 Relevant identified uses Sealant

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

SOUDAL N.V. Everdongenlaan 18-20 B-2300 Turnhout **2** +32 14 42 42 31 **₼** +32 14 42 65 14 msds@soudal.com

Manufacturer of the product

SOUDAL N.V. Everdongenlaan 18-20 B-2300 Turnhout +32 14 42 42 31 **→** +32 14 42 65 14 msds@soudal.com

1.4. Emergency telephone number

24h/24h :

+32 14 58 45 45 (BIG)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

2.2. Label elements

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

Supplemental information

EUH208 EUH210

Contains: 3-aminopropyltriethoxysilane. May produce an allergic reaction. Safety data sheet available on request.

2.3. Other hazards

No other hazards known

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

	CAS No EC No	Conc. (C)	Classification according to CLP	Note	Remark
3-aminopropyl(methyl)silsesqui <mark>oxanes, ethoxy-</mark> terminated	128446-60-6		Flam. Liq. 3; H226 Skin Irrit. 2; H315 Eye Irrit. 2; H319	(1)(10)	UVCB
hydrocarbons, C13-C23, n-alkan <mark>es, isoalkanes, cyclics,</mark> <0.03% aromatics 01-2119552497-29		10% <c<15%< td=""><td>Asp. Tox. 1; H304</td><td>(1)(10)</td><td>Constituent</td></c<15%<>	Asp. Tox. 1; H304	(1)(10)	Constituent
reated by: Brandweerinformatiec <mark>entrum voor gevaarlijke</mark> echnische Schoolstraat 43 A, B-2440 Geel ttp://www.big.be 9 BIG vzw	stoffen vzw (BIG)		Publication date: 20	19-07-16	
evision number: 0000			Product number: 61	922	1/10

(1) For H-statements in full: see heading 16

(10) Subject to restrictions of Annex XVII of Regulation (EC) No. 1907/2006

SECTION 4: First aid measures

4.1. Description of first aid measures

General:

Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.

After inhalation:

Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

After skin contact:

Wash immediately with lots of water. Do not apply (chemical) neutralizing agents without medical advice. Soap may be used. Take victim to a doctor if irritation persists.

After eye contact:

Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Do not apply (chemical) neutralizing agents without medical advice. Take victim to an ophthalmologist if irritation persists.

After ingestion:

Rinse mouth with water. Do not apply (chemical) neutralizing agents without medical advice. Do not induce vomiting. Consult a doctor/medical service if you feel unwell.

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

- 4.2.1 Acute symptoms After inhalation: No effects known. After skin contact: No effects known. After eye contact: No effects known. 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

On burning: release of toxic and corrosive gases/vapours (nitrous vapours, carbon monoxide - carbon dioxide). On heating: formation of small quantities of formaldehyde. Reacts with water (moisture): release of highly flammable gases/vapours (ethanol).

5.3. Advice for firefighters

- 5.3.1 Instructions:
- Dilute toxic gases with water spray. Take account of toxic/corrosive precipitation water.
- 5.3.2 Special protective equipment for fire-fighters:
- Gloves. Safety glasses. Protective clothing. Heat/fire exposure: compressed air/oxygen apparatus.

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 heading 8.2 6.1.2 Protective equipment for emergency responders
- Gloves. Safety glasses. Protective clothing.
 - Suitable protective clothing
- See heading 8.2

6.2. Environmental precautions

Contain released product. Use appropriate containment to avoid environmental contamination.

6.3. Methods and material for containment and cleaning up

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Revision number: 0000

Product number: 61922

Scoop solid spill into closing containers. Clean contaminated surfaces with a soap solution. Wash clothing and equipment after handling.

6.4. Reference to other sections

See heading 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

Keep away from naked flames/heat. Observe strict hygiene. Avoid contact of substance with water. Keep container tightly closed.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1 Safe storage requirements:

Store in a cool area. Store in a dry area. Keep container in a well-ventilated place. Meet the legal requirements. Max. storage time: 1 year(s).

- 7.2.2 Keep away from:
 - Heat sources, (strong) acids, (strong) bases, water/moisture.
- 7.2.3 Suitable packaging material:
- Plastics. 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.

3.1. Control parameters					
8.1.1 Occupational exposu					
a) Occupational expose	u <mark>re limit values</mark> able and available these s	will be listed below			
		will be listed below.			
b) National biological li	able and available these	will be listed below			
8.1.2 Sampling methods		will be listed below.			
If applicable and availab	ole it will be listed below.				
8.1.3 Applicable limit value			tended		
If limit values are applic 8.1.4 Threshold values	able and available these	will be listed below.			
DNEL/DMEL - Workers					
	, n-alkanes, isoalkanes, cy	clics, <0.03% aroma	tics		
Effect level (DNEL/DI				Value	Remark
					No data available
DNEL/DMEL - General					
Effect level (DNEL/DI	, <mark>n-alkanes, isoalkanes, cy</mark>	<u>/clics, <0.03% aroma</u>	tics	Value	Remark
Effect level (DNEL/DI	VIEL) Type			value	No data available
PNEC					
	, n-alkanes, isoalkanes, cy	clics, <0.03% aroma	tics		
Compartments		Value		Rema	ark
8.1.5 Control banding	ale it will be listed below			No da	ata available
If applicable and availab 8.2. Exposure controls	ple it will be listed below. tion is a general descriptic	on. If applicable and	available, exposure scei		
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Protective clothing.

8.2.3 Environmental exposure controls:

See headings 6.2, 6.3 and 13

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical form	Paste
Odour	Characteristic odour
Odour threshold	No data available
Colour	No data available on colour
Particle size	No data available
Explosion limits	No data available
Flammability	Non-flammable
Log Kow	Not applicable (mixture)
Dynamic viscosity	No data available
Kinematic viscosity	Not applicable (mixture)
Melting point	No data available
Boiling point	No data available
Evaporation rate	No data available
Relative vapour density	Not applicable
Vapour pressure	No data available
Solubility	Water ; insoluble
Relative density	1.0 ; 23 °C
Decomposition temperature	No data available
Auto-ignition temperatu <mark>re</mark>	> 400 °C
Flash point	No data available
Explosive properties	No chemical group associated with explosive properties
Oxidising properties	No chemical group associated with oxidising properties
рН	No data available

9.2. Other information

Absolute density

1000 kg/m³ ; 23 °C

SECTION 10: Stability and reactivity

10.1. Reactivity

Heating increases the fire hazard.

10.2. Chemical stability Unstable on exposure to moisture.

- 10.3. Possibility of hazardous reactions No data available.
- 10.4. Conditions to avoid

Precautionary measures Keep away from naked flames/heat.

10.5. Incompatible materials

(strong) acids, (strong) ba<mark>ses, water/moisture.</mark>

10.6. Hazardous decomposition products

Reacts with (some) acids/bases: release of highly flammable gases/vapours (ethanol). On heating: formation of small quantities of formaldehyde. On burning: release of toxic and corrosive gases/vapours (nitrous vapours, carbon monoxide - carbon dioxide). Reacts with water (moisture): release of highly flammable gases/vapours (ethanol).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

11.1.1 Test results

Acute toxicity

oute of exposure	Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Dral	LD50		> 2000 mg/kg bw		Rat	Similar product	
Dermal	LD50		> 2000 mg/kg bw		Rat	Similar product	
udgement of the m	nixture (inh <mark>ala</mark>	tion toxicity) is bas	ed on the relevant ingr	edients			

Route of exposure	e Paramete	er Method	Valu	e	Exposure time	Species	Value determination	Remark
Oral	LD50	OECD 401	> 500	<mark>00 m</mark> g/kg bw		Rat (male / female	Experimental value	
Dermal	LD50	OECD 402	> 316	50 mg/kg bw	24 h	Rabbit (male /	Experimental value	
Inhalation (aeroso	l) LC50	OECD 403	> 526	56 mg/m³ air	4 h	female) Bat (male / female)	Experimental value	
		0100 403	- 520			nat (male / remaie)		
clusion ot classified for acut on/irritation		Clear			_		i	
es Flexible Polycarbo oute of exposure	Result	Method	Exp	oosure time	Time point	Species	Value determination	Remark
	Not irrit <mark>ating</mark>					Rabbit	Similar product	
	Not irrita <mark>ting</mark>					Rabbit	Similar product	
dgement is based o aminopropyl(methy			minated					
Route of exposure		Method		posure time	Time point	Species	Value determination	Remark
Еуе	Irritatin <mark>g</mark>						Literature study	
Skin	Irritatin <mark>g</mark>						Literature study	
drocarbons, C13-C2 Route of exposure		<mark>isoalkanes, cycl</mark> Methoc		omatics posure time	Time point	Species	Value	Remark
Eye	Not irritating	g OECD 4	05 24	h	24; 48; 72 hour	s Rabbit	determination Experimental valu	e
Skin	Not irritating	g OECD 4	04 4	h	24; 48; 72 hour	s Rabbit	Experimental valu	e
L		g Other	2/	h	24; 48; 72 hour	s Human	Experimental valu	e
Skin clusion ot classified as irrita ot classified as irrita ot classified as irrita tory or skin sensitis	ting to the ey ting to the res ation	n es piratory system						
<u>clusion</u> ot classified as irrita ot classified as irrita ot classified as irrita	ting to the ski ting to the ey ting to the res sation	n es piratory system		Ire time	Observation time		lue determination Re	mark
clusion ot classified as irrita ot classified as irrita ot classified as irrita tory or skin sensitis es Flexible Polycarbo oute of exposure	ting to the ski ting to the ey ting to the res sation	n es piratory system <u>Clear</u> Method	Exposi	Ire time	Observation time	Species Va		mark
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	VVI	CVC2 I	lexible	FU	Iyc	arbu	Παι	e sea	iani u	TCal	
Mutage	enicity (in vitro)										
Wicke	es Flexible Polycarbonate S	Sealant Clear									
	o (test)data on the mixture					_					
	dgement is based on the r	-									
hy	drocarbons, C13-C23, n-a						F (C)				
	Result Negative	Method		Test sub		imurium)	Effect			termination ental value	Remark
Con	clusion	Equivalent	10 OECD 471	Dacteria	(S.typn	inturtuitt)			Experime		
	ot classified for mutagenic	or genotoxic	toxicity								
	enicity (in vivo)	U	,								
Wicke	es Flexible Polycarbonate S	Sealant Clear									
	o (test)data on the mixture										
Ju	dgement is based on the r	ele <mark>vant ingre</mark> o	dients								
hy	drocarbons, C13-C23, n-a						—				
	Result		Method		sure tir		Test sub		Organ		Value determination
	Negative		Equivalent to OEC 483		eks (6h / week	/ day, 5	Mouse (male)			Read-across
	Negative		Equivalent to OEC 475		/ WEEK		Rat (mal	e / female)			Read-across
	Negative		Equivalent to OEC	D			Mouse (male / female	e)		Read-across
Con	clusion		474		-						
	ot classified for mutagenic	or genotoxic	toxicity								
		or Benetowe	connerg								
Carcino	genicity										
Wicke	es Flexible Polycarbonate	Sealant Clear									
	o (test)data on the mixture										
Ju	dgement is based on the r	ele <mark>vant ingre</mark> o	dients								
<u>Con</u>	<u>clusion</u>										
No	ot classified for carcinoger	nicity									
Reprod	uctive toxicity										
•	•										
	es Flexible Polycarbonate										
1/10											
	o (test)data on the mixture		dianta								
Ju	dgement is based on the r	elevant ingree		3% arom	atics						
Ju		elevant ingree		<u>3% arom</u>		Exposure tir	me	Species	Effect	Organ	Value
Ju	dgement is based on the r drocarbons, C13-C23, n-a	rele <mark>vant ingred</mark> Ikanes, isoalka Parameter	anes, cyclics, <0.03 Method	Value			me	Species		Organ	Value determination
Ju	dgement is based on the r	rele <mark>vant ingred</mark> Ikanes, isoalka Parameter	anes, cyclics, <0.03 Method Equivalent to	Value > 1000	mg/kg	Exposure tir 10 day(s)	me	Species Rat	Effect No effect	Organ	determination Experimental
Ju	dgement is based on the r drocarbons, C13-C23, n-a	rele <mark>vant ingred</mark> Ikanes, isoalka Parameter	anes, cyclics, <0.03 Method	Value	mg/kg		me			Organ	determination
Ju	dgement is based on the r drocarbons, C13-C23, n-a	ele <mark>vant ingred Ikanes, isoalka</mark> Parameter NOAEL	Anes, cyclics, <0.03 Method Equivalent to OECD 414	Value > 1000 bw/da) mg/kg Y	10 day(s)		Rat	No effect	Organ	determination Experimental value
Ju	dgement is based on the r drocarbons, C13-C23, n-a	rele <mark>vant ingred</mark> Ikanes, isoalka Parameter	anes, cyclics, <0.03 Method Equivalent to OECD 414 Equivalent to	Value > 1000	y ppm	10 day(s) 13 weeks (6	h / day, 5	Rat Rat (male /		Organ	determination Experimental
Ju	dgement is based on the r drocarbons, C13-C23, n-a	ele <mark>vant ingred Ikanes, isoalka</mark> Parameter NOAEL NOAEC	Anes, cyclics, <0.03 Method Equivalent to OECD 414 Equivalent to OECD 416	Value > 1000 bw/da ≥ 1500	y y ppm	10 day(s) 13 weeks (6 days / week	h / day, 5	Rat Rat (male / female)	No effect No effect	Organ	determination Experimental value Read-across
Ju	dgement is based on the r drocarbons, C13-C23, n-a	ele <mark>vant ingred Ikanes, isoalka</mark> Parameter NOAEL	anes, cyclics, <0.03 Method Equivalent to OECD 414 Equivalent to	Value > 1000 bw/da	y y ppm ppm	10 day(s) 13 weeks (6	h / day, 5 :) : / day, 5	Rat Rat (male / female) Rat (male /	No effect	Organ	determination Experimental value
Ju	dgement is based on the r drocarbons, C13-C23, n-a	ele <mark>vant ingred Ikanes, isoalka</mark> Parameter NOAEL NOAEC	anes, cyclics, <0.03 Method Equivalent to OECD 414 Equivalent to OECD 416 Equivalent to	Value > 1000 bw/da ≥ 1500 ≥ 300) mg/kg y) ppm opm	10 day(s) 13 weeks (6 days / week 8 weeks (6h days / week	h / day, 5 :) i / day, 5 :)	Rat Rat (male / female) Rat (male / female)	No effect No effect No effect	Organ	determination Experimental value Read-across Read-across
Ju	dgement is based on the r drocarbons, C13-C23, n-a	elevant ingred Ikanes, isoalka Parameter NOAEL NOAEC	Anes, cyclics, <0.03 Method Equivalent to OECD 414 Equivalent to OECD 416 Equivalent to OECD 421	Value > 1000 bw/da ≥ 1500 ≥ 300	y y ppm ppm	10 day(s) 13 weeks (6 days / week 8 weeks (6h	h / day, 5 :) i / day, 5 :)	Rat Rat (male / female) Rat (male /	No effect No effect	Organ	determination Experimental value Read-across
Ju	dgement is based on the r drocarbons, C13-C23, n-a	elevant ingred Ikanes, isoalka Parameter NOAEL NOAEC	anes, cyclics, <0.03 Method Equivalent to OECD 414 Equivalent to OECD 416 Equivalent to OECD 421 Equivalent to	Value > 1000 bw/da ≥ 1500 ≥ 300 > 1000	y y ppm ppm	10 day(s) 13 weeks (6 days / week 8 weeks (6h days / week	h / day, 5 :) i / day, 5 :)	Rat (male / female) Rat (male / female) Rat (male / Rat (male /	No effect No effect No effect	Organ	determination Experimental value Read-across Read-across
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Jun <u>hy</u> <u>Con</u>	dgement is based on the r drocarbons, C13-C23, n-a Developmental toxicity Effects on fertility	elevant ingred Ikanes, isoalka Parameter NOAEL NOAEC NOAEL	anes, cyclics, <0.03 Method Equivalent to OECD 414 Equivalent to OECD 416 Equivalent to OECD 421 Equivalent to OECD 422	Value > 1000 bw/da ≥ 1500 ≥ 300 > 1000	y y ppm ppm	10 day(s) 13 weeks (6 days / week 8 weeks (6h days / week	h / day, 5 :) i / day, 5 :)	Rat (male / female) Rat (male / female) Rat (male / Rat (male /	No effect No effect No effect	Organ	determination Experimental value Read-across Read-across
Juu <u>hy</u> <u>Con</u> No	dgement is based on the r drocarbons, C13-C23, n-a Developmental toxicity Effects on fertility clusion	elevant ingred Ikanes, isoalka Parameter NOAEL NOAEC NOAEL	anes, cyclics, <0.03 Method Equivalent to OECD 414 Equivalent to OECD 416 Equivalent to OECD 421 Equivalent to OECD 422	Value > 1000 bw/da ≥ 1500 ≥ 300 > 1000	y y ppm ppm	10 day(s) 13 weeks (6 days / week 8 weeks (6h days / week	h / day, 5 :) i / day, 5 :)	Rat (male / female) Rat (male / female) Rat (male / Rat (male /	No effect No effect No effect	Organ	determination Experimental value Read-across Read-across
Juu <u>hy</u> <u>Con</u> No Aspirati	dgement is based on the r drocarbons, C13-C23, n-a Developmental toxicity Effects on fertility clusion ot classified for reprotoxic	elevant ingred Ikanes, isoalka Parameter NOAEL NOAEC NOAEC NOAEL or developme	anes, cyclics, <0.02 Method Equivalent to OECD 414 Equivalent to OECD 416 Equivalent to OECD 421 Equivalent to OECD 422 ental toxicity	Value > 1000 bw/da ≥ 1500 ≥ 300 > 1000	y y ppm ppm	10 day(s) 13 weeks (6 days / week 8 weeks (6h days / week	h / day, 5 :) i / day, 5 :)	Rat (male / female) Rat (male / female) Rat (male / Rat (male /	No effect No effect No effect	Organ	determination Experimental value Read-across Read-across
Juu <u>hy</u> <u>Con</u> No Aspirati Juu	dgement is based on the r drocarbons, C13-C23, n-a Developmental toxicity Effects on fertility clusion ot classified for reprotoxic ion hazard	elevant ingred kanes, isoalka Parameter NOAEL NOAEC NOAEC NOAEL or developme viscosity of th	anes, cyclics, <0.02 Method Equivalent to OECD 414 Equivalent to OECD 416 Equivalent to OECD 421 Equivalent to OECD 422 ental toxicity	Value > 1000 bw/da ≥ 1500 ≥ 300 > 1000	y y ppm ppm	10 day(s) 13 weeks (6 days / week 8 weeks (6h days / week	h / day, 5 :) i / day, 5 :)	Rat (male / female) Rat (male / female) Rat (male / Rat (male /	No effect No effect No effect	Organ	determination Experimental value Read-across Read-across
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Jui <u>hy</u> <u>hy</u> No Aspirati Jui	dgement is based on the r drocarbons, C13-C23, n-a Developmental toxicity Effects on fertility clusion ot classified for reprotoxic ion hazard dgement is based on high	elevant ingreu Ikanes, isoalka Parameter NOAEL NOAEC NOAEC NOAEL or developme	anes, cyclics, <0.02 Method Equivalent to OECD 414 Equivalent to OECD 416 Equivalent to OECD 421 Equivalent to OECD 422 ental toxicity	Value > 1000 bw/da ≥ 1500 ≥ 300 > 1000	y y ppm ppm	10 day(s) 13 weeks (6 days / week 8 weeks (6h days / week	h / day, 5 :) i / day, 5 :)	Rat (male / female) Rat (male / female) Rat (male / Rat (male /	No effect No effect No effect	Organ	determination Experimental value Read-across Read-across
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Juu hy Con No Aspirati Juu No Toxicity <u>Wicke</u>	dgement is based on the r drocarbons, C13-C23, n-a Developmental toxicity Effects on fertility clusion ot classified for reprotoxic ion hazard dgement is based on high ot classified for aspiration r other effects	elevant ingred Ikanes, isoalka Parameter NOAEL NOAEC NOAEC NOAEL or developme viscosity of th toxicity Sealant Clear	anes, cyclics, <0.02 Method Equivalent to OECD 414 Equivalent to OECD 416 Equivalent to OECD 421 Equivalent to OECD 422 ental toxicity	Value > 1000 bw/da ≥ 1500 ≥ 300 > 1000	y y ppm ppm	10 day(s) 13 weeks (6 days / week 8 weeks (6h days / week	h / day, 5 :) i / day, 5 :)	Rat (male / female) Rat (male / female) Rat (male / Rat (male /	No effect No effect No effect	Organ	determination Experimental value Read-across Read-across
Juu hy by No Aspirati Juu No Toxicity <u>Wicke</u> No	dgement is based on the r drocarbons, C13-C23, n-a Developmental toxicity Effects on fertility clusion ot classified for reprotoxic ion hazard dgement is based on high ot classified for aspiration r other effects es Flexible Polycarbonate s	elevant ingred Ikanes, isoalka Parameter NOAEL NOAEC NOAEC NOAEL or developme viscosity of the toxicity Sealant Clear e available	anes, cyclics, <0.03 Method Equivalent to OECD 414 Equivalent to OECD 416 Equivalent to OECD 421 Equivalent to OECD 422 ental toxicity an mixture	Value > 1000 bw/da ≥ 1500 ≥ 300 > 1000	y y ppm ppm	10 day(s) 13 weeks (6 days / week 8 weeks (6h days / week	h / day, 5 :) i / day, 5 :)	Rat (male / female) Rat (male / female) Rat (male / Rat (male /	No effect No effect No effect	Organ	determination Experimental value Read-across Read-across
Jui hy Con No Aspirati Jui No Toxicity <u>Wicke</u> No Chronic	dgement is based on the r drocarbons, C13-C23, n-a Developmental toxicity Effects on fertility clusion ot classified for reprotoxic ion hazard dgement is based on high ot classified for aspiration r other effects es Flexible Polycarbonate 9 o (test)data on the mixture	elevant ingred kanes, isoalka Parameter NOAEL NOAEC NOAEC NOAEL or developme viscosity of th toxicity Sealant Clear e available ong-term exponent	anes, cyclics, <0.03 Method Equivalent to OECD 414 Equivalent to OECD 416 Equivalent to OECD 421 Equivalent to OECD 422 ental toxicity an mixture	Value > 1000 bw/da ≥ 1500 ≥ 300 > 1000	y y ppm ppm	10 day(s) 13 weeks (6 days / week 8 weeks (6h days / week	h / day, 5 :) i / day, 5 :)	Rat (male / female) Rat (male / female) Rat (male / Rat (male /	No effect No effect No effect	Organ	determination Experimental value Read-across Read-across
Jui hy hy No Aspirati Jui No Toxicity <u>Wicke</u> No Chronic	dgement is based on the r drocarbons, C13-C23, n-a Developmental toxicity Effects on fertility clusion ot classified for reprotoxic ion hazard dgement is based on high ot classified for aspiration r other effects es Flexible Polycarbonate so o (test)data on the mixture effects from short and lo	elevant ingred kanes, isoalka Parameter NOAEL NOAEC NOAEC NOAEL or developme viscosity of th toxicity Sealant Clear e available ong-term exponent	anes, cyclics, <0.03 Method Equivalent to OECD 414 Equivalent to OECD 416 Equivalent to OECD 421 Equivalent to OECD 422 ental toxicity an mixture	Value > 1000 bw/da ≥ 1500 ≥ 300 > 1000	y y ppm ppm	10 day(s) 13 weeks (6 days / week 8 weeks (6h days / week	h / day, 5 :) i / day, 5 :)	Rat (male / female) Rat (male / female) Rat (male / Rat (male /	No effect No effect No effect	Organ	determination Experimental value Read-across Read-across
Jui hy hy No Aspirati Jui No Toxicity <u>Wicke</u> No Chronic	dgement is based on the r drocarbons, C13-C23, n-a Developmental toxicity Effects on fertility Effects on fertility ot classified for reprotoxic ion hazard dgement is based on high ot classified for aspiration r other effects es Flexible Polycarbonate S o (test) data on the mixture effects from short and Ic	elevant ingred kanes, isoalka Parameter NOAEL NOAEC NOAEC NOAEL or developme viscosity of th toxicity Sealant Clear e available ong-term exponent	anes, cyclics, <0.03 Method Equivalent to OECD 414 Equivalent to OECD 416 Equivalent to OECD 421 Equivalent to OECD 422 ental toxicity an mixture	Value > 1000 bw/da ≥ 1500 ≥ 300 > 1000	y y ppm ppm	10 day(s) 13 weeks (6 days / week 8 weeks (6h days / week	h / day, 5 :) i / day, 5 :)	Rat (male / female) Rat (male / female) Rat (male / Rat (male /	No effect No effect No effect	Organ	determination Experimental value Read-across Read-across
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Jui hy hy No Aspirati Jui No Toxicity <u>Wicke</u> No Chronic	dgement is based on the r drocarbons, C13-C23, n-a Developmental toxicity Effects on fertility Effects on fertility ot classified for reprotoxic ion hazard dgement is based on high ot classified for aspiration r other effects es Flexible Polycarbonate S o (test) data on the mixture effects from short and Ic	elevant ingred kanes, isoalka Parameter NOAEL NOAEC NOAEC NOAEL or developme viscosity of th toxicity Sealant Clear e available ong-term exponent	anes, cyclics, <0.03 Method Equivalent to OECD 414 Equivalent to OECD 416 Equivalent to OECD 421 Equivalent to OECD 422 ental toxicity an mixture	Value > 1000 bw/da ≥ 1500 ≥ 300 > 1000	y y ppm ppm	10 day(s) 13 weeks (6 days / week 8 weeks (6h days / week	h / day, 5 :) i / day, 5 :)	Rat (male / female) Rat (male / female) Rat (male / Rat (male /	No effect No effect No effect	Organ	determination Experimental value Read-across Read-across
Jui hy hy No Aspirati Jui No Toxicity <u>Wicke</u> No Chronic	dgement is based on the r drocarbons, C13-C23, n-a Developmental toxicity Effects on fertility Effects on fertility ot classified for reprotoxic ion hazard dgement is based on high ot classified for aspiration r other effects es Flexible Polycarbonate S o (test) data on the mixture effects from short and Ic	elevant ingred kanes, isoalka Parameter NOAEL NOAEC NOAEC NOAEL or developme viscosity of th toxicity Sealant Clear e available ong-term exponent	anes, cyclics, <0.03 Method Equivalent to OECD 414 Equivalent to OECD 416 Equivalent to OECD 421 Equivalent to OECD 422 ental toxicity an mixture	Value > 1000 bw/da ≥ 1500 ≥ 300 > 1000	y y ppm ppm	10 day(s) 13 weeks (6 days / week 8 weeks (6h days / week	h / day, 5 :) i / day, 5 :)	Rat (male / female) Rat (male / female) Rat (male / female)	No effect No effect No effect		determination Experimental value Read-across Read-across
Jui hy hy No Aspirati Jui No Toxicity <u>Wicke</u> No Chronic	dgement is based on the r drocarbons, C13-C23, n-a Developmental toxicity Effects on fertility Effects on fertility ot classified for reprotoxic ion hazard dgement is based on high ot classified for aspiration r other effects es Flexible Polycarbonate S o (test) data on the mixture effects from short and Ic	elevant ingred kanes, isoalka Parameter NOAEL NOAEC NOAEC NOAEL or developme viscosity of th toxicity Sealant Clear e available ong-term exponent	anes, cyclics, <0.03 Method Equivalent to OECD 414 Equivalent to OECD 416 Equivalent to OECD 421 Equivalent to OECD 422 ental toxicity an mixture	Value > 1000 bw/da ≥ 1500 ≥ 300 > 1000	y y ppm ppm	10 day(s) 13 weeks (6 days / week 8 weeks (6h days / week	h / day, 5 :) i / day, 5 :)	Rat (male / female) Rat (male / female) Rat (male / female)	No effect No effect No effect		determination Experimental value Read-across Read-across

SECTION 12: Ecological information

12.1. Toxicity

Wickes Flexible Polycarbonate Sealant Clear

No (test)data on the mixture available

Judgement is based on the relevant ingredients hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics

	Parameter	Method	Value	Duration	Species		Fresh/salt water	Value determination
Acute toxicity fishes	LC50	OECD 203	> 1028 mg/l	96 h	Scophthalmus maximus			Experimental value
Acute toxicity crustacea	LC50	Other	> 3193 mg/l	48 h	Acartia tonsa			Experimental value
Toxicity algae and other aquati plants	c ErC50	ISO 10253	> 10000 mg/l	72 h	Skeletonema costatum			Experimental value
Long-term toxicity fish	NOEL		> 1000 mg/l	28 day(s)	Oncorhynchus mykiss			QSAR
Long-term toxicity aquatic crustacea	NOEL		> 1000 mg/l	21 day(s)	Daphnia magna			QSAR
Toxicity aquatic micro- organisms	EC50	OECD 209	> 100 mg/l	3 h	Activated sludge	Static system	Fresh water	Experimental value

Conclusion

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

12.2. Persistence and degradability

hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics Biodegradation water

biouegrauation water			
Method	Value	Duration	Value determination
OECD 306: Biodegradability in Seawat	er 74 %	28 day(s)	Experimental value
Phototransformation water (DT50 wat	er)		
Method	Value	Conc. OH-radicals	Value determination
	No effect		
Half-life soil (t1/2 soil)			
Method	Value	Primary degradation/mineralisat	Value determination tion
	No effect		

Conclusion

Contains non readily biodegradable component(s)

Hydrolysis in water

12.3. Bioaccumulative potential

Wickes Flexible Polycarbonate Sealant Clear

LC	DG KOW				
	Method	Remark	Value	Temperature	Value determination
		Not applicable (mixture)			

3-aminopropyl(methyl)silsesquioxanes, ethoxy-terminated

Lo	og Kow					
	Method	Remark	Value	Temperature	Value determination	
		No data available				
hyd	rocarbons, C13-C23, n-alkar	nes, isoalkanes, cyclics, <0.03% ar	omatics			

LC	Dg KOW						
	Method	Remark	Val	alue	Temperatur	е	Value determination
		No data available					
Conc	lusion						

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

12.4. Mobility in soil

hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics

Pe	rcent distribution						
	1ethod Fraction air Fraction		 Fraction sediment	Fraction soil	Fraction water	Value determination	
			 seament				
	Mackay level III	8.3 %	83.2 %	7.4 %	1%	Calculated value	

Conclusion

No (test)data on mobility of the components available

Publication date: 2019-07-16

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. Other adverse effects

Wickes Flexible Polycarbonate Sealant Clear

Fluorinated greenhouse gases (<mark>Regulation (EU) No 517/2014)</mark> None of the known component<mark>s is included in the list of fluorinated g</mark>reenhouse gases (Regulation (EU) No 517/2014)

Ozone-depleting potential (ODP)

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

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

Can be considered as non 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 04 10 (wastes from MFSU of adhesives and sealants (including waterproofing products): waste adhesives and sealants other than those mentioned in 08 04 09). 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.

13.1.3 Packaging/Container

European Union

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

15 01 02 (plastic packaging).

SECTION 14: Transport information

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

14.1. UN number			
Transport			Not subject
14.2. UN proper shipping na 14.3. Transport hazard class			
Hazard identification nu	mber		
Class			
Classification code			
14.4. Packing group			
Packing group			
Labels			
14.5. Environmental hazards	ŝ		
Environmentally hazardo	ous substance mark		no
14.6. Special precautions for	user		
Special provisions			
Limited quantities			
14.7. Transport in bulk accor	rding to Annex II of Marpol and the IBC	Code	
Annex II of MARPOL 73/	78		Not applicable, based on available data

SECTION 15: Regulatory information

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

European legislation:

VOC content Directive 2010/75/EU

VOC content		Remar	k	
0.1 % - 1 %				
1.03 g/l - 10.3 g/l				

REACH Annex XVII - Restriction

Contains component(s) subject to restrictions of Annex XVII of Regulation (EC) No 1907/2006: restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

	Designation of the substance, of the group of Conditions of restriction
	substances or of the mixture
 hydrocarbons, C13-C23, n-alkanes, 	Liquid substances or mixtures fulfilling the 1. Shall not be used in:
isoalkanes, cyclics, <0.03% aromatics	criteria for any of the following hazard classes – ornamental articles intended to produce light or colour effects by means of different
	or categories set out in Annex I to Regulation phases, for example in ornamental lamps and ashtrays,
	(EC) No 1272/2008: — tricks and jokes,
	(a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 — games for one or more participants, or any article intended to be used as such, even with
	types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 ornamental aspects,
	and 2, 2.14 categories 1 and 2, 2. Articles not complying with paragraph 1 shall not be placed on the market.
	Publication date: 2019-07-16
Revision number: 0000	Product number: 61922 8 / 10

		orycarbonate Sealant ofean
	2.15 types A to F; (b) hazard classes 3.1 to 3.6, 3.7 effects on sexual function and f development, 3.8 effects other effects, 3.9 and 3.10; (c) hazard class 4.1; (d) hazard class 5.1.	d fertility or on — can be used as fuel in decorative oil lamps for supply to the general public, and,
 · 3-aminopropyl(methyl)silsesquioxar ethoxy-terminated 	Substances classified as flamma category 1 or 2, flammable liqu 1, 2 or 3, flammable solids cate substances and mixtures which with water, emit flammable gas 2 or 3, pyrophoric liquids categ pyrophoric solids category 1, re whether they appear in Part 3 of that Regulation or not.	quids categories dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following: tegory 1 or 2, category 1, - artificial snow and frost, geory 1 or - "whoopee" cushions, - silly string aerosols, - metallic glitter intended mainly for decoration, - artificial snow and frost, - silly string aerosols,
<u>National legislation Belgium</u> <u>Wickes Flexible Polycarbo</u> No data available		
National legislation The Net		
Wickes Flexible Polycarbo Waterbezwaarlijkheid	onate Sealant Clear B (4); Algemene Beoordel	laling mathadiak (ARMA)
National legislation France	р (4); Algemene Beoordel	
<u>Wickes Flexible Polycarbo</u> No data available <u>National legislation German</u> Wickes Flexible Polycarbo	<u>IV</u>	
WGK		agen zum Umgang mit wassergefährdenden Stoffen (AwSV) - 18. April 2017
National legislation United M Wickes Flexible Polycarbo No data available	Kingdom	
Other relevant data Wickes Flexible Polycarbo	onate Sealant Clear	
No data available		
15.2. Chemical safety ass	sessment	
		Publication date: 2019-07-16
evision number: 0000		Product number: 61922 9 / 10

	tements referred to under heading 3:
	e liquid and vapour.
	tal if swallowed and enters airways.
H315 Causes skir	
H319 Causes seri	ious eye irritation.
(*)	INTERNAL CLASSIFICATION BY BIG
ADI	Acceptable daily intake
AOEL	Acceptable operator exposure level
CLP (EU-GHS)	Classification, labelling and packaging (Globally Harmonised System in Europe)
DMEL	Derived Minimal Effect Level
DNEL	Derived No Effect Level
EC50	Effect Concentration 50 %
ErC50	EC50 in terms of reduction of growth rate
LC50	Lethal Concentration 50 %
LD50	Lethal Dose 50 %
NOAEL	No Observed Adverse Effect Level
NOEC	No Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent, Bioaccumulative & Toxic
PNEC	Predicted No Effect Concentration
STP	Sludge Treatment Process
vPvB	very Persistent & very Bioaccumulative

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