

SAFETY DATA SHEET

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

SOUDAFOAM GAP FILLER GUN GRADE

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

1.1. Product identifier

Product name Registration number REACH Product type REACH

- : SOUDAFOAM GAP FILLER GUN GRADE : Not applicable (mixture)
- : Mot applica : Mixture

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

1.2.1 Relevant identified uses polyurethane

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

Manufacturer of the product

SOUDAL N.V. Everdongenlaan 18-20 B-2300 Turnhout ☎ +32 14 42 42 31 ➡ +32 14 42 65 14 sds@soudal.com

1.4. Emergency telephone number

24h/24h :

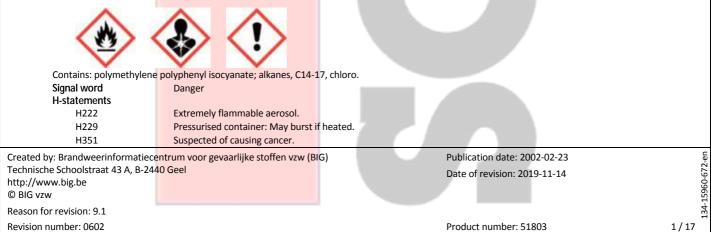
+32 14 58 45 45 (BIG)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Class	Category	Hazard statements				
Aerosol	categ <mark>ory 1</mark>	H222: Extremely flammable aerosol.				
Aerosol	categ <mark>ory 1</mark>	H229: Pressurised container: May burst if heated.				
Carc.	categ <mark>ory 2</mark>	H351: Suspected of causing cancer.				
Lact.	-	H362: May cause harm to breast-fed children.				
Resp. Sens.	categ <mark>ory 1</mark>	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.				
Skin Sens.	categ <mark>ory 1</mark>	H317: May cause an allergic skin reaction.				
Acute Tox.	categ <mark>ory 4</mark>	H332: Harmful if inhaled.				
STOT RE	categ <mark>ory 2</mark>	H373: May cause damage to organs through prolonged or repeated exposure if inhaled.				
Skin Irrit.	categ <mark>ory 2</mark>	H315: Causes skin irritation.				
Eye Irrit.	categ <mark>ory 2</mark>	H319: Causes serious eye irritation.				
STOT SE	categ <mark>ory 3</mark>	H335: May cause respiratory irritation.				
Aquatic Chronic	categ <mark>ory 4</mark>	H413: May cause long lasting harmful effects to aquatic life.				

2.2. Label elements



-	
H362	May cause harm to breast-fed children.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317	May cause an allergic skin reaction.
H332	Harmful if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure if inhaled.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H413	May cause long lasting harmful effects to aquatic life.
P-statements	
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P405	Store locked up.
P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122°F.
P501	Dispose of contents/container in accordance with local/regional/national/international regulation.
Supplemental informati	on en
	- Persons already sensitised to diisocyanates may develop allergic reactions when using this product.

- Persons already sensitised to disocyanates may develop allergic reactions when using this product.

- Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. - This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

2.3. Other hazards

Gas/vapour spreads at floor level: ignition hazard

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
propane		74-98-6			(1)(2)(10)	Propellant
01-2119486944-21		200-827-9		Press. Gas - Liquefied gas;		
dimethyl ether		115-10-6			(1)(2)(10)	Propellant
01-2119472128-37		204-065-8		Press. Gas - Liquefied gas;		
polymethylene polyphenyl isocy	anate	9016-87-9			(1)(2)(8)(10)(18)(V)	Polymer
isobutane		75-28-5	1% <c<10%< td=""><td>Flam. Gas 1; H220</td><td>(1)(2)(10)(21)</td><td>Propellant</td></c<10%<>	Flam. Gas 1; H220	(1)(2)(10)(21)	Propellant
01-2119485395-27		200-857-2		Press. Gas - Liquefied gas;		
alkanes, C14-17, chloro 01-2119519269-33		85535-85-9 287-477-0		Lact. ; H362 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	(1)(2)(8)(10)	UVCB
reaction mass of tris(2-chloropro tris(2-chloro-1-methylethyl) pho acid, bis(2-chloro-1-methylethyl and phosphoric acid, 2-chloro-1- chloropropyl) ester 01-2119486772-26	sphate and phosphoric) 2-chloropropyl ester		1%C<5%	Acute Tox. 4; H302	(1)(10)	Constituent
 (1) For H-statements in full: see (2) Substance with a Community (8) Specific concentration limits, (10) Subject to restrictions of An (18) Polymethylene polyphenyl i (21) 1,3-butadiene <0.1% (V) Exempted from registration of 	v workplace exposure lir see heading 16 nex XVII of Regulation (isocyanate, contains > 0	EC) No. 1907/200 .1% MDI-isomers		. polymers)		
son for revision: 9.1			_	Publication date: 200	2 02 22	

SECTION 4: First aid measures

4.1. Description of first aid measures

General:

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.

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

After skin contact:

Wash immediately with lots of water. Take victim to a doctor if irritation persists.

After eye contact:

Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Do not apply neutralizing agents. Take victim to an ophthalmologist if irritation persists.

After ingestion:

Rinse mouth with water. Immediately after ingestion: give lots of water to drink. Do not induce vomiting. Consult a doctor/medical service if you feel

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

4.2.1 Acute symptoms

 After inhalation:

 Dry/sore throat. Coughing. Irritation of the respiratory tract. Irritation of the nasal mucous membranes. Runny nose. FOLLOWING SYMPTOMS MAY

 APPEAR LATER: Possible inflammation of the respiratory tract. Risk of lung oedema. Respiratory difficulties.

 After skin contact:

 Tingling/irritation of the skin.

 After eye contact:

 Irritation of the eye tissue. Lacrimation.

 After ingestion:

 Not applicable.

 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, Quick-acting BC powder extinguisher. 5.1.2 Unsuitable extinguishing media: Small fire: Quick-acting CO2 extinguisher, Water (water can be used to control jet flame), Foam.
- Major fire: Water (water can be used to control jet flame), Foam.

5.2. Special hazards arising from the substance or mixture

On burning: release of toxic and corrosive gases/vapours (nitrous vapours, hydrogen chloride, carbon monoxide - carbon dioxide). Pressurised container: May burst if heated. May polymerize on exposure to temperature rise. On heating: release of toxic/combustible gases/vapours (hydrogen cyanide).

5.3. Advice for firefighters

5.3.1 Instructions:

If exposed to fire cool the closed containers by spraying with water. Physical explosion risk: extinguish/cool from behind cover. Do not move the load if exposed to heat. After cooling: persistant risk of physical explosion. Dilute toxic gases with water spray. Take account of toxic/corrosive precipitation water.

5.3.2 Special protective equipment for fire-fighters:

Gloves (EN 374). Protective goggles (EN 166). Head/neck protection. Protective clothing (EN 14605 or EN 13034). Heat/fire exposure: compressed air apparatus (EN 136 + EN 137).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- Stop engines and no smoking. No naked flames or sparks. Spark- and explosionproof appliances and lighting equipment. 6.1.1 Protective equipment for non-emergency personnel
 - See heading 8.2
- 6.1.2 Protective equipment for emergency responders

Gloves (EN 374). Protective goggles (EN 166). Head/neck protection. Protective clothing (EN 14605 or EN 13034). Suitable protective clothing

See heading 8.2

6.2. Environmental precautions

Dam up the solid spill. Use appropriate containment to avoid environmental contamination.

6.3. Methods and material for containment and cleaning up

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Publication date: 2002-02-23 Date of revision: 2019-11-14

Revision number: 0602

Product number: 51803

Allow product to solidify and remove it by mechanical means. Carefully collect the spill/leftovers. Clean (treat) contaminated surfaces with acetone. Take collected spill to manufacturer/competent authority. 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

Use spark-/explosionproof appliances and lighting system. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Observe very strict hygiene - avoid contact. Remove contaminated clothing immediately.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1 Safe storage requirements:

Storage temperature: < 50 °C. Store in a cool area. Keep out of direct sunlight. Store in a dry area. Ventilation at floor level. Fireproof storeroom. Unauthorized persons are not admitted. Meet the legal requirements. Max. storage time: 1 year(s).

7.2.2 Keep away from:

- Heat sources, ignition sources, (strong) acids, (strong) bases.
- 7.2.3 Suitable packaging material: Aerosol.
- 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					
Dimethylether		Time-weighted average exposure limit 8 h (Indicative occupational exposure limit value)	1000 ppm		
		Time-weighted average exposure limit 8 h (Indicative occupational exposure limit value)	1920 mg/m ³		
Belgium					
4,4'-Diisocyanate de dipl	nénylméthane (MDI)	Time-weighted average exposure limit 8 h	0.005 ppm		
		Time-weighted average exposure limit 8 h	0.052 mg/m ³		
Hydrocarbures aliphatiqu C3)	es sous forme gazeuse: (Alcanes C1-	Time-weighted average exposure limit 8 h	1000 ppm		
		Short time value	980 ppm		
		Short time value	2370 mg/m ³		
Oxyde de diméthyle		Time-weighted average exposure limit 8 h	1000 ppm		
,,		Time-weighted average exposure limit 8 h	1920 mg/m ³		
The Netherlands					
Dimethylether		Time-weighted average exposure limit 8 h (Public occupational exposure limit value)	496 ppm		
		Time-weighted average exposure limit 8 h (Public occupational exposure limit value)	950 mg/m³		
		Short time value (Public occupational exposure limit value)	783 ppm		
		Short time value (Public occupational exposure limit value)	1500 mg/m³		
France					
4,4'-Diisocyanate de diph	énylméthane	Time-weighted average exposure limit 8 h (VL: Valeur non réglementaire indicative)	0.01 ppm		
		Time-weighted average exposure limit 8 h (VL: Valeur non réglementaire indicative)	0.1 mg/m³		
		Short time value (VL: Valeur non réglementaire indicative)	0.02 ppm		
		Short time value (VL: Valeur non réglementaire indicative)	0.2 mg/m³		
Oxyde de diméthyle		Time-weighted average exposure limit 8 h (VRI: Valeur réglementaire indicative)	1000 ppm		
		Time-weighted average exposure limit 8 h (VRI: Valeur réglementaire indicative)	1920 mg/m³		
for revision: 9.1		Publication date: 2002-02-23			
		Date of revision: 2019-11-14			
n number: 0602		Product number: 51803	4/		

4,4'-Methylendiphenyld <mark>iis</mark> o	ocvanat		Time-woighted aver	age exposure limit 8 h (TRGS 900)		0.05 mg/m
Chloralkane, C14-17 (Chlo			8			0.
Chioraikarie, C14-17 (Chio	merce Parattine C			age exposure limit 8 h (TRGS 900)		0.3 ppm
Dimothulathar				age exposure limit 8 h (TRGS 900)		6 mg/m ³
Dimethylether			~	age exposure limit 8 h (TRGS 900)		1000 ppm
Icohuton			~	age exposure limit 8 h (TRGS 900)		1900 mg/r
Isobutan				age exposure limit 8 h (TRGS 900)		1000 ppm
				age exposure limit 8 h (TRGS 900)		2400 mg/r
pMDI (als MDI berechnet)				age exposure limit 8 h (TRGS 900)		0.05 mg/m
Propan			-	age exposure limit 8 h (TRGS 900)		1000 ppm
			Time-weighted avera	age exposure limit 8 h (TRGS 900)		1800 mg/r
UK						
Dimethyl ether			Time-weighted avera (EH40/2005))	age exposure limit 8 h (Workplace	e exposure limit	400 ppm
				age exposure limit 8 h (Workplace	e exposure limit	766 mg/m
			Short time value (Wo	orkplace exposure limit (EH40/20		500 ppm
	F			orkplace exposure limit (EH40/20		958 mg/m
Isocyanates, all (as -NCO)	Except methyl iso	,	(EH40/2005))	age exposure limit 8 h (Workplace	•	0.02 mg/m 0.07 mg/m
USA (TLV-ACGIH)					03]]	0.07 mg/m
Butane, all isomers			Short time value (TL	/ - Adonted Value)		1000 ppm
Butane, all isomers Methylene bisphenyl iso <mark>cy</mark>	(anato (MDI)			v - Adopted Value) age exposure limit 8 h (TLV - Ador	atad Valua)	
, , , ,			nime-weighted avera	age exposure limit & n (TLV - Ador	steu value)	0.005 ppm
b) National biological limit						
If limit values are applicabl	le and available th	lese will be listed be	elow.			
2 Sampling methods			Teet	Na una la cua		
Product name			Test	Number		
Isocyanates			NIOSH	5521		
Isocyanates 3 Applicable limit values v			NIOSH	5522		
Effect level (DNEL/DMEL DNEL		erm systemic effec	ts inhalation	Value 6.7 mg/m ³	Remark	
	Long-1	erm systemic effec	ts dermal			
			uci indi	47.9 mg/kg bw/day		
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Compartments	Value	Remark	
Fresh water	0.32 mg/l		
Aqua (intermittent rele <mark>ases)</mark>	0.51 mg/l		
Marine water	0.032 mg/l		
STP	19.1 mg/l		
Fresh water sediment	11.5 mg/kg sediment dw		
Marine water sediment	1.15 mg/kg sediment dw		
Soil	0.34 mg/kg soil dw		
Oral	11.6 mg/kg food		
Control honding			

8.1.5 Control banding

If applicable and available it will be listed below.

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

Use spark-/explosionproof appliances and lighting system. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Measure the concentration in the air regularly.

8.2.2 Individual protection measures, such as personal protective equipment

Observe very strict hygiene - avoid contact. Do not eat, drink or smoke during work.

a) Respiratory protection:

Full face mask with filter type A at conc. in air > exposure limit.

b) Hand protection:

Protective gloves against ch	emicals (EN 374).			
Materials	Measured breakthrough time	Remark	Protection index	
LDPE (Low Density Poly Ethylene)	> 10 minutes	0.025 mm	Class 1	
 <u>ve protection:</u> Protective goggles (EN 166). kin protection:				
Head/neck protection. Prote 3 Environmental exposure		or EN 13034).		
See headings 6.2 6.3 and 13				

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		Aerosol
Odour		<mark>Characteristic</mark> odour
Odour threshold		No data available
Colour		Variable in colour, depending on the composition
Particle size		Not applicable
Explosion limits		No data available
Flammability		Extremely flammable aerosol.
Log Kow		Not applicable (mixture)
Dynamic viscosity		<mark>No data availa</mark> ble
Kinematic viscosity		No data available
Melting point		No data avail <mark>a</mark> ble
Boiling point		No data avail <mark>a</mark> ble
Evaporation rate		No data available
Relative vapour density		>1
Vapour pressure		In the pressurized container the vapour pressure exceeds 500 kPa. After foam release, the vapour
		<mark>pressure is ve</mark> ry low (not declared)
Solubility		<mark>Organic solve</mark> nts ; soluble
		Water ; insoluble
Relative density		0.95 ; 20 °C
Decomposition temperat	ure	No data available
Auto-ignition temperatu	re	No data available
Flash point		Not applicable
Explosive properties		No chemical group associated with explosive properties
Oxidising properties		No chemical group associated with oxidising properties
pH		<mark>No data availa</mark> ble
ther information		
		950 kg/m³ ; 20 °C

9.2.

Reason for revision: 9.1	Publication date: 2002-02-23
	Date of revision: 2019-11-14

SECTION 10: Stability and reactivity

10.1. Reactivity

May be ignited by sparks. Gas/vapour spreads at floor level: ignition hazard. No data available.

10.2. Chemical stability Stable under normal conditions.

10.3. Possibility of hazardous reactions

May polymerize with many compounds e.g.: (strong) bases and amines. Reacts violently with (some) acids/bases.

10.4. Conditions to avoid

Precautionary measures

Use spark-/explosionproof appliances and lighting system. Keep away from naked flames/heat. Keep away from ignition sources/sparks.

10.5. Incompatible materials (strong) acids, (strong) bases.

10.6. Hazardous decomposition products

On heating: release of toxic/combustible gases/vapours (hydrogen cyanide). On burning: release of toxic and corrosive gases/vapours (nitrous vapours, hydrogen chloride, carbon monoxide - carbon dioxide).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

11.1.1 Test results

Acute toxicity

SOUDAFOAM GAP FILLER GUN GRADE

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

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value	Remark
						determination	
Oral	LD50		<mark>> 10000</mark> mg/kg		Rat	Literature study	
Dermal	LD50		<mark>> 5000 m</mark> g/kg		Rabbit	Literature study	
Inhalation (vapours)	LC50		11 mg/l	4 h		Literature	
anes, C14-17, chloro							
Route of exposure	Parameter	Method	Value	Exposure time		Value	Remark

					determination	
Oral	LD50	> 4000 mg/k	/kg bw	Rat (male / female)	Experimental value	
		, , , , , , , , , , , , , , , , , , ,	5		·	
Dermal	LD50	> 13500 mg/	g/kg bw 24 h F	Rabbit	Read-across	
Inhalation (vapours)	LC50	> 48.170 mg	g/lair 1h F	Rat	Read-across	

reaction mass of tris(2-chloropropyl) phosphate and tris(2-chloro-1-methylethyl) phosphate and phosphoric acid, bis(2-chloro-1-methylethyl) 2-chloropropyl ester and phosphoric acid, 2-chloro-1-methylethyl bis(2-chloropropyl) ester

Route of exposure	Parar	neter	Method	Value	Exposure time	Species	Value	Remark
							determination	
Oral	LD50		EU Method B.1	632 mg/kg bw		Rat (female)	Experimental value	
Dermal	LD50		OECD 402	> 2000 mg/kg bw	24 h	Rat (male / female)	Experimental value	
Inhalation (aerosol)	LC50		OECD 403	> 7 mg/l	4 h	Rat (male / female)	Experimental value	

Conclusion

Harmful if inhaled.

Not classified as acute toxic in contact with skin Not classified as acute toxic if swallowed

Corrosion/irritation

SOUDAFOAM GAP FILLER GUN GRADE

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

Reason for revision: 9.1

Publication date: 2002-02-23 Date of revision: 2019-11-14

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advances Construction Provide of composition Note in the point of composition of compositing difficu	Skin							Literaturo study	
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reaction mass of Inti2 chicrorapy() phosphate and tri32 chicro-1-methylethyl phosphate and phosphate add, bit2 chicro-1-methylethyl 2 chicrorapy() phosphate add phosphate									
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Cause serious event instead of the relevant ingredients constrained of the relevant in	Skin	Not irritating	OECD 40)4 4	h	24; 48; 72 hours	Rabbit	Experimental value	2
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Date of revision: 2019-11-14	Inhalation								Data waiving
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	ion mass of tris(2 and phosphoric							phospha	ate and pho	osphoric	acid, bi	s(2-chloro	-1-methyle	thyl) 2-chloropropyl
Ro	oute of exposure	e Paran	neter N		Value		Organ	Effec	:t	Exposure	e time	0	Species	Value determination
	ral (diet)	NOAE		ubchronic oxicity test	171 mរួ bw/da	/		No ef	ffect	13 weeks	s (daily)		Rat (female)	value
Ог	ral (diet)	LOAEL		ubchronic oxicity test	52 mg/ bw/day	•	Liver	Weig	ght gain	13 weeks	s (daily)	F	Rat (male)	Experimental value
In	halation	Dose l	evel		0.586 r	ng/l air		No ef	ffect			ſ	Mouse (mal	e) Experimental value
Conclus		organ	broust	prolonged	r ronged	d own	ro if inkeled	1						
	cause damage to lassified as sub-c					eu exposu	nen minaled	ı.						
Not cl	lassified as sub-c													
•	city (in vitro)													
	OAM GAP FILLER est)data on the n			e										
	ification is based											_		
	es, C14-17, chlor					_								
	esult		Metho		_	Test subs			Effect				ermination	Remark
	egative with met ctivation, negativ		OECD 4	4/1		Bacteria	(S.typhimuri	ium) N	No effect			Experimer	ital value	
	vithout metabolic													
	ctivation													
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	and phosphoric esult		nloro-1 Metho		DIS(2-chl	oropropy Test subs		le le	Effect			Value det	ermination	Remark
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wi	vithout metabolic													
	ctivation		05.5-											
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	netabolic activation ositive with meta					cells)								
	ctivation													
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	ification is based		elevant	ingredients										
	es, C14-17, chlor	<u>.0</u>		Mathad		Evene	curo timo		Tost subst-	ato		Organ		Valuo dotormination
	esult egative	1		Method Equivale	nt to OEC		sure time		Test substr Rat (male)	ale	_	Organ Bone mari		Value determination Experimental value
	-Datise			475		Judy	(3)	ľ	at (male)					
Ne	egative	_			nt to OEC	D		N	Mouse (ma	le / fema	ale)	Bone marr	row	Experimental value
				474										<u> </u>
reacti	ion mass of tris(2	2-chlorop	ropyl)	phosphate ar	d tris(2-c	hloro-1-r	nethylethyl)	phospha	ate and pho	osphoric	acid, bi	s(2-chloro	-1-methyle	thyl) 2-chloropropyl
	and phosphoric esult	acıd, 2-cl	nioro-1	-methylethyl Method	bis(2-chl		<u>l) ester</u> sure time	h	Test substr	ate		Organ		Value determination
	egative			OECD 47	4	LXP0:			Mouse (ma			Bone mari		Experimental value
Conclus	-	-		0200 47						, ienie				vermentar value
	lassified for muta	agenic or	genoto	oxic toxicity										
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	est)data on the n													
	ification is based			•										
	nethylene polyph				Value		Exposure ti	mo	Species	_	Effort		Organ	Value
	oute of Para xposure	ameter	Meth	illu	Value		Exposure tii	me	Species		Effect		Organ	determination
	nknown				category	2					/			Literature study
alkane	es, C14-17, chlor	0								_			•	
Ro	oute of Para	ameter	Meth	hod	Value		Exposure tii	me	Species		Effect		Organ	Value
	xposure		F	alaut ta	212 . "		104	(F al	Det ()		Carri		thur 111	determination
Or	ral LOA	AEL .		valent to D 451	312 mg/ bw/day		104 weeks (week)	5 days /	Rat (male female)	2/	Carcino	genicity	Liver; kidn	ey Read-across
0	ral LOA	λFI	_		bw/day 312 mg/		week) 103 weeks (5 days /	Rat (male)	./	Carcino	genicity	Thyroid	Read-across
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	Route of exposure	Parameter	iviethod	l l	alue		Exposi	ıre time	Species	E1	fect	C	Organ	Value determinatio
Ī	Unknown													Data waiving
	usion													
Susp	pected of caus	ing cancer.												
rodu	ctive toxicity													
	FOAM GAP FI													
	(test)data on t										_			
	sification is ba nes, C14-17, c		relevant ing	redients										
	<u>ines, er r, e</u>		Parameter	Metho	od	Value		Exposure tim	ne	Species	Effect		Organ	Value determinatio
	Development	al toxicity	NOAEL	Equiva		5000 m bw/day		14 days (gest daily)	ation,	Rat	No effect			Experimental value
	Maternal toxi	city	NOAEL		lent to	500 mg, bw/day	/kg	13 days (gest daily)	ation,	Rat	No effect			Experimental value
-	Effects on fert	ility	NOAEL (P)	OECD		100 mg		9 week(s)		Rat (male)	No effect		Male	Experimental
		,	ζ,			bw/day	U						reproductive organ	value
			NOAEL (P)	OECD	421	100 mg, bw/day		11 week(s) - week(s)	12	Rat (female)	No effect		Female reproductive	Experimental value
	Effects on lact	ation	LOAEL			3125 m	a /ka			Rat (male /	Increased	1	organ	Experimental
	Effects on lact	ation	LUAEL			5125 m bw	g/кg			female)	mortality			value
read	ction mass of t	ris(2-chlore	opropyl) pho	sphate and	tris(2-ch	loro-1-m	nethvle	ethyl) phosph	ate and r	phosphoric a	pups cid, bis(2-c	hloro-1	l -methylethyl)	2-chloropropy
	er and phosph	oric acid, 2-	chloro-1-me	thylethyl b	ois(2-chlor	opropyl							-	
			Parameter	Metho	bd	Value		Exposure tim	ne	Species	Effect		Organ	Value determinatio
	Developmenta (Oral (stomac		NOAEL	OECD	414	500 mg, bw/day	-	21 day(s)		Rabbit	No effect			Experimenta value
	Maternal toxic (stomach tube	city (Oral	NOAEL	OECD	414	500 mg, bw/day	/kg	21 day(s)		Rabbit	No effect			Experimenta value
Ī	Effects on fert	ility (Oral		0.5.00			_							
		inty (Orai	LOAEL	OECD	416	99 mg/k				Rat (male /	Weight cl	nanges		Experimental
oncl May Not	(diet)) usion y cause harm t classified for t	o breast-fe	d children.			99 mg/ł bw/day		ī		Rat (male / female)	Weight ci	hanges	Female reproductive organ	Experimenta value
oncl May Not ity c UDA No (<u>alka</u>	(diet)) y cause harm t classified for t other effects FOAM GAP FII (test)data on t ines, C14-17, c	o breast-fe reprotoxic o LLER GUN (he mixture <u>hloro</u>	d children. or developm <u>GRADE</u> available	ental toxic	ity	bw/day		Effect		female)			reproductive organ	value
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oncl May Not <u>JDA</u> No (alka	(diet)) <u>usion</u> y cause harm t classified for t other effects <u>FOAM GAP FII</u> (test)data on t <u>ines, C14-17, c</u> Parameter effects from sh	o breast-fe reprotoxic o he mixture hloro Metho Other	d children. or developm <u>GRADE</u> available d	ental toxic	ity	bw/day Organ		Skin dry	/ness or	female)		Specie	reproductive organ s c	Value /alue letermination
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	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determinat
Acute toxicity other aquatic organisms	LC50		> 1000 mg/	/l 96 h				Literature study
Foxicity aquatic micro-	EC50	OECD 209	> 100 mg/l		Activated sludge	2		Literature study
anes, C14-17, chloro							·	·
	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determinat
Acute toxicity fishes	LC50	Equivalent to OECD 203	> 5000 mg/	/l 96 h	Alburnus alburnus	Static syster		Experimental valu Nominal concentration
Acute toxicity crustacea	EC50	OECD 202	<mark>0.006</mark> mg/l	48 h	Daphnia magna	Static syster	n Fresh water	Experimental valu GLP
Foxicity algae and other aquatic	NOEC	OECD 201	0.1 mg/l	96 h	Pseudokirchner lla subcapitata	ie Static syster	n Fresh water	Experimental valu GLP
	ErC50	OECD 201	<mark>> 3.2</mark> mg/l	72 h	Pseudokirchner lla subcapitata	ie Static syster	n Fresh water	Experimental valu GLP
ong-term toxicity fish	NOEC	Equivalent to OECD 204	<mark>> 125</mark> μg/l	14 day(s)	Alburnus alburnus	Semi-static system	Brackish water	Experimental valu
ong-term toxicity aquatic	NOEC	OECD 202	0.01 mg/l	21 day(s)	Daphnia magna	Static system		Experimental valu
	Parameter	Method		Value	Duration	Spec	ies	Value determina
oxicity soil macro-organisms	NOEC	OECD 222		900 mg/kg soil d	w 56 day(s)	Eiser	iia fetida	Experimental value
oxicity soil micro-organisms	NOEC	OECD 216		≥ 400 mg/kg soil	dw 28 day(s)	Soil r	nicro-organisms	Experimental valu
	EC50	OECD 216		> 400 mg/kg soil	dw 28 day(s)	Soil r	nicro-organisms	Experimental val
oxicity terrestrial plants	NOEC	OECD 208		≥ 5000 mg/l	28 day(s)	Brass	sica napus	Experimental valu
oxicity birds	LC50	Equivalent 205	to OECD	> 24603 mg/kg f	ood 5 day(s)	Phas	ianus colchicus	Experimental valı
	NOEC	Equivalent 205	to OECD	24603 mg/kg foo	od 5 day(s)	Phas	ianus colchicus	Experimental val
action mass of tris(2-chloroprop er and phosphoric acid, 2-chloro					e and phosphoric	acid, bis(2-chl	oro-1-methyletł	yl) 2-chloropropy
	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determina
Acute toxicity fishes	LC50	Other	56.2 mg/l	96 h	Brachydanio rerio	Static syster	n Fresh water	Experimental val GLP
Acute toxicity crustacea	LC50		131 mg/l	48 h	Daphnia magna	Static syster	n Fresh water	Experimental val Locomotor effect
Toxicity algae and other aquatic plants	ErC50	OECD 201	82 mg/l	72 h	Pseudokirchner lla subcapitata	ie Static syster	n Fresh water	Experimental valı GLP
ong-term toxicity fish								Data waiving
ong-term toxicity aquatic	NOEC	OECD 202	32 mg/l	21 day(s)	Daphnia magna	Semi-static system	Fresh water	Experimental valu GLP
	EC50	ISO 8192	784 mg/l	3 h	Activated sludge	e Static syster	n Fresh water	Experimental value

12.2. Persistence and degradabilit polymethylene polyphenyl isocyanate Biodegradation water	у			
Method	Value	Duration	Value determination	
OECD 302C: Inherent Biod <mark>egradability</mark> Modified MITI Test (II)	: < 60 %		Experimental value	
alkanes, C14-17, chloro Biodegradation water				
Method	Value	Duration	Value determination	
OECD 301D: Closed Bottle Test	37 %; GLP	28 day(s)	Experimental value	
Biodegradation soil				
Method	Value	Duration	Value determination	
	51 % - 57 %	36 h	Experimental value	
eason for revision: 9.1			ion date: 2002-02-23 revision: 2019-11-14	
vision number: 0602		Product	number: 51803	11/1

Biodegradation valer Method GEC Soft: Musiked GECE Screening Test J4%; GEP J4%; GEP J2 dur(s) File Figuremental value	reaction mass of tris(ester and phosphoric						hyl) phosphate ar	nd phosphoric acid	, bis(2-chloro-	1-methylethyl) 2-chloropropy
bp:CD:3012: Modified DCD Screening Tex [] 45 (G.BP 22 dity(s) poperimental value Phototransformation at (D150 at) Value Conc. Okraadicals Value determination Method Value Solid Display Value Conc. Okraadicals Value determination Method Value Primary Conc. Okraadicals Value determination Method Value Primary Conc. Okraadicals Conc. Okraadicals Conclusion Conclusion Excerimental value Conclusion Conclusion Conclusion Excerimental value Value determination Optional Value Value Temperature Value determination Optional Value Not applicable (mature) Social Concentration Social Concentration Optional Value Not applicable (mature) Social Concentration Social Concentration Optional Value Not applicable (mature) Social Concentration Social Concentration Optional Value Not applicable (mature) Social Concentration Social Concentration Optional Value Natue Natue Temperature Value determination Optional Value Natue Natue Temperature Value determination Option Natue Natue Na		ter								
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12.6. Other adverse effects

SOUDAFOAM GAP FILLER GUN GRADE

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)

polymethylene polyphenyl isocyanate

Greenhouse gases

None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014)

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 05 01* (wastes not otherwise specified in 08: waste isocyanates).

16 05 04* (gases in pressure containers and discarded chemicals: gases in pressure containers (including halons) containing 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. Specific treatment. Do not discharge into drains or the environment.

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

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Rail (RID) 1950 14.1. UN number 1950 14.2. UN proper shipping name Aerosols Proper shipping name Aerosols 14.3. Transport hazard class(es) Hazard identification number 14.3. Transport dess(es) 23 Class 2 Class fication code 5F 14.4. Packing group 1 Packing group 2.1 14.5. Environmental hazards 2.1 Environmentally hazardous substance mark no Reason for revision: 9.1 Publication date: 2002-02-23	Special provisions		625	
Rail (RID) 1950 14.1. UN number 1950 14.2. UN proper shipping name Aerosols Proper shipping name Aerosols 14.3. Transport hazard class(es) Hazard identification number 14.3. Transport dess(es) 23 Class 2 Class fication code 5F 14.4. Packing group 1 Packing group 2.1 14.5. Environmental hazards 2.1 Environmentally hazardous substance mark no Reason for revision: 9.1 Publication date: 2002-02-23	Limited guantities		Combination packagings: not more than 1 liter per inner packaging for	r
14.1. UN number 1950 14.2. UN proper shipping name Intervention Proper shipping name Aerosols 14.3. Transport hazard class(es) Intervention Hazard identification number 23 Class 2 Classification code 5F 14.4. Packing group Intervention Packing group Intervention Labels 2.1 14.5. Environmental hazards Intervention Environmentally hazardous substance mark no Reason for revision: 9.1 Publication date: 2002-02-23 Date of revision: 2019-11-14 Date of revision: 2019-11-14				
14.1. UN number 1950 14.2. UN proper shipping name Intervention Proper shipping name Aerosols 14.3. Transport hazard class(es) Intervention Hazard identification number 23 Class 2 Classification code 5F 14.4. Packing group Intervention Packing group Intervention Labels 2.1 14.5. Environmental hazards Intervention Environmentally hazardous substance mark no Reason for revision: 9.1 Publication date: 2002-02-23 Date of revision: 2019-11-14 Date of revision: 2019-11-14				
UN number195014.2. UN proper shipping nameAerosolsProper shipping nameAerosols14.3. Transport hazard class(es)23Hazard identification number23Class2Classification code5F14.4. Packing group				
14.2. UN proper shipping name Aerosols Proper shipping name Aerosols 14.3. Transport hazard class(es) 23 Hazard identification number 23 Class 2 Class 2 Classification code 5F 14.4. Packing group 2 Packing group 2.1 Labels 2.1 14.5. Environmental hazards no Environmentally hazardous substance mark no Reason for revision: 9.1 Publication date: 2002-02-23 Date of revision: 2019-11-14				
Proper shipping nameAerosols14.3. Transport hazard class(es)23Hazard identification number23Class2Classification code5F14.4. Packing group5FLabels2.114.5. Environmental hazards2.1Environmentally hazardous substance marknoPublication date: 2002-02-23 Date of revision: 2019-11-14			1950	
14.3. Transport hazard class(es) Hazard identification number 23 Class 2 Classification code 5F 14.4. Packing group		me		
Hazard identification number 23 Class 2 Classification code 5F 14.4. Packing group Packing group Labels 2.1 14.5. Environmental hazards Environmental hazards Environmentally hazardous substance mark no Reason for revision: 9.1 Packing or publication date: 2002-02-23 Date of revision: 2019-11-14			Aerosols	
Class 2 Classification code 5F 14.4. Packing group				
Classification code 5F 14.4. Packing group		mber		
14.4. Packing group 14.4. Packing group Packing group 2.1 Labels 2.1 14.5. Environmental hazards 14.5. Environmentally hazardous substance mark Reason for revision: 9.1 Publication date: 2002-02-23 Date of revision: 2019-11-14				
Packing group 2.1 Labels 2.1 14.5. Environmental hazards Image: Comparison of the second seco	Classification code		5F	
Labels 2.1 14.5. Environmental hazards Image: Comparison of the state of the				
14.5. Environmental hazards no Environmentally hazardous substance mark no Reason for revision: 9.1 Publication date: 2002-02-23 Date of revision: 2019-11-14	Packing group			
Environmentally hazardous substance mark no Reason for revision: 9.1 Publication date: 2002-02-23 Date of revision: 2019-11-14	Labels		2.1	
Reason for revision: 9.1 Publication date: 2002-02-23 Date of revision: 2019-11-14				_
Date of revision: 2019-11-14	Environmentally hazardo	ous substance mark	no	
Date of revision: 2019-11-14	Reason for revision: 91		Publication date: 2002-02-23	
Revision number: 0602 Product number: 51803 13 / 17				
Kevision number: 0602 Product number: 51803 13/17				42 / 4-
	Revision number: 0602		Product number: 51803	13/17

14.6. Special precautions for user	
Special provisions	190
Special provisions	327
Special provisions	344
Special provisions	625
Limited quantities	Combination packagings: not more than 1 liter per inner packaging for
	liquids. A package shall not weigh more than 30 kg. (gross mass)
and waterways (ADN)	
14.1. UN number	
UN number	1950
14.2. UN proper shipping name	
Proper shipping name	Aerosols
14.3. Transport hazard class(es)	
Class	2
Classification code	5F
14.4. Packing group	
Packing group	
Labels	2.1
	2.1
14.5. Environmental hazards Environmentally hazardous substance mark	no
14.6. Special precautions for user	400
Special provisions	190
Special provisions	327
Special provisions	344
Special provisions	625
Limited quantities	Combination packagings: not more than 1 liter per inner packaging for
	liquids. A package shall not weigh more than 30 kg. (gross mass)
a (IMDG/IMSBC)	
14.1. UN number	
UN number	1950
14.2. UN proper shipping name	
Proper shipping name	aerosols
14.3. Transport hazard class(es)	
Class	2.1
14.4. Packing group	
Packing group	
Labels	2.1
14.5. Environmental hazards	
Marine pollutant	
Environmentally hazardous substance mark	no
	IIO
14.6. Special precautions for user Special provisions	190
	277
Special provisions	
Special provisions	327
Special provisions	344
Special provisions	381
Special provisions	63
Special provisions	959
Limited quantities	Combination packagings: not more than 1 liter per inner packaging for
	liquids. A package shall not weigh more than 30 kg. (gross mass)
14.7. Transport in bulk according to Annex II of Marpol and th	
Annex II of MARPOL 73/78	Not applicable
r (ICAO-TI/IATA-DGR)	
14. <u>1. UN number</u>	
UN number	1950
14.2. UN proper shipping name	
Proper shipping name	Aerosols, flammable
14.3. Transport hazard class(es)	
Class	2.1
14.4. Packing group	
Packing group	
Labels	2.1
14.5. Environmental hazards	<u>k.</u> 1
Environmentally hazardos	
Environmentally inded uous substance mark	no
14.6. Special processitions for when	
14.6. Special precautions for user	A145
Special provisions	
Special provisions Special provisions	A167
Special provisions	
Special provisions Special provisions	A167
Special provisions Special provisions	A167
Special provisions Special provisions Special provisions	A167 A802 Publication date: 2002-02-23
Special provisions Special provisions Special provisions	A167 A802

Passenger and cargo transport

Limited quantities: maxin	num ne	t quantity per packaging	30	kg G
ECTION 15: Regulate	orv i	nformation		
			on sp	ecific for the substance or mixture
VOC content Directive 201	0/75/El	J		
VOC content				Remark
23.41 % - 24.06 %				
222.35 g/l - 228.57 g/l				
REACH Annex XVII - Restric	tion			
		t to restrictions of Annex XVII of Regula	ation (EC) No 1907/2006: restrictions on the manufacture, placing on the market
and use of certain dang	gerous s	ubstances, mixtures and articles.		
		Designation of the substance, of the group of	of Cor	nditions of restriction
· polymethylene polyphenyl isocyana	ate	substances or of the mixture Liquid substances or mixtures fulfilling the	1 5	ihall not be used in:
 alkanes, C14-17, chloro reaction mass of tris(2-chloropropy phosphate and tris(2-chloro-1-methy phosphate and phosphoric acid, bis(chloro-1-methylethyl) 2-chloropropy 	l) /lethyl) 2- 'l ester	criteria for any of the following hazard class or categories set out in Annex I to Regulatio (EC) No 1272/2008: (a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categorie	es — (m phases 1 m phases 1	ornamental articles intended to produce light or colour effects by means of different ases, for example in ornamental lamps and ashtrays, tricks and jokes, games for one or more participants, or any article intended to be used as such, even with
· polymethylene polyphenyl isocyana		Methylenediphenyl diisocyanate (MDI) including the following specific isomers: 4,4' Methylenediphenyl diisocyanate; 2,4'- Methylenediphenyl diisocyanate; 2,2'- Methylenediphenyl diisocyanate	1. S cor put (a) 89/ (b) Cor anc " this der ma	nmission.' shall not be placed on the market after 27 December 2010, as a constituent of mixtures in iccentrations equal to or greater than 0,1 % by weight of MDI for supply to the general olic, unless suppliers shall ensure before the placing on the market that the packaging: contains protective gloves which comply with the requirements of Council Directive 686/EEC; is marked visibly, legibly and indelibly as follows, and without prejudice to other mmunity legislation concerning the classification, packaging and labelling of substances d mixtures: Persons already sensitised to diisocyanates may develop allergic reactions when using s product. Persons suffering from asthma, eczema or skin problems should avoid contact, including mal contact, with this product. This product should not be used under conditions of poor ventilation unless a protective sk with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used. By way of derogation, paragraph 1(a) shall not apply to hot melt adhesives.
<u>National legislation Belgium</u> <u>SOUDAFOAM GAP FILLEF</u> No data available <u>National legislation The Net</u> <u>SOUDAFOAM GAP FILLEF</u> Waterbezwaarlijkheid	R GUN G	<u>Is</u>	diek (4	ABM)
Reason for revision: 9.1				Publication date: 2002-02-23 Date of revision: 2019-11-14
Revision number: 0602				Product number: 51803 15 / 17

3	OUDAFUAIVI G	AP FILLER GUN GRADE
alkanes, C14-17, chloro		
SZW - Lijst van voor de	Alkanen, C14-C17, chloor; M	ay cause harm to breastfed babies
voortplanting giftige st	toffen	
(borstvoeding)		
National legislation France		
SOUDAFOAM GAP FILLE	R GUN GRADE	
No data available		
polymethylene polypher		
Catégorie cancérogène	e 4,4'-Diisocyanate de diphény	/Iméthane; C2
National legislation Germar	ny	
SOUDAFOAM GAP FILLE		
WGK		ing based on the components in compliance with Verwaltungsvorschrift
		VwVwS) of 27 July 2005 (Anhang 4)
polymethylene polypher TA-Luft	5.2.5/I	
TRGS900 - Risiko der		yanat; Y; Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes
Fruchtschädigung		vertes nicht befürchtet zu werden
	-	; Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des
	biologischen Grenzwertes ni	cht befürchtet zu werden
Sensibilisierende Stoffe		yanat; Sah; Atemwegssensibilisierende Stoffe Und Hautsensibilisierende Stoffe, an beiden
	Zielorganen Allergien auslös	
		a; Atemwegssensibilisierende Stoffe
TRGS905 - Krebserzeug		MDI) (in Form atembarer Aerosole, A-Fraktion); 2
TRGS905 - Erbgutverär TRGS905 -		MDI) (in Form atembarer Aerosole, A-Fraktion); - MDI) (in Form atembarer Aerosole, A-Fraktion); -
Fruchtbarkeitsgefährd		(in Form alembarer Aerosole, A-Fraktion); -
TRGS905 - Fruchtschäd		MDI) (in Form atembarer Aerosole, A-Fraktion); -
Hautresorptive Stoffe	4,4'-Methylendiphenyldiisoc	
	pMDI (als MDI berechnet); H	
alkanes, C14-17, chloro		
TA-Luft	5.2.5/I	
TRGS900 - Risiko der		erte Paraffine C14-17); Y; Risiko der Fruchtschädigung braucht bei Einhaltung des
Fruchtschädigung		des biologischen Grenzwertes nicht befürchtet zu werden
Hautresorptive Stoffe		erte Paraffine C14-17); H; Hautresorptiv ro-1-methylethyl) phosphate and phosphoric acid, bis(2-chloro-1-methylethyl) 2-chloropropyl
	id, 2-chloro-1-methylethyl bis(2-chloro	
TA-Luft	5.2.5	
National legislation United	Vingdom	
SOUDAFOAM GAP FILLE		
No data available		
polymethylene polypher	nyl isocyanate	
Skin Sensitisation	Isocyanates, all (as -NCO) Ex	cept methyl isocyanate; Sen
Respiratory sensitisation	on Isocyanates, all (as -NCO) Ex	cept methyl isocyanate; Sen
Other relevant data		
SOUDAFOAM GAP FILLE	R GUN GRADE	
No data available		
polymethylene polypher	nyl isocyanate	
IARC - classification	3; Polymethylene polypheny	l isocyanate
alkanes, C14-17, chloro		
IARC - classification	2B; Chlorinated paraffins	
15.2. Chemical safety ass	sessment	
	ssment has been conducted for the mix	dure.
SECTION 16: Other ir	nformation	
	ts referred to under heading 3:	
H220 Extremely flamma	0	
H222 Extremely flamma		
	ainer: May burst if heated. er pressure; may explode if heated.	
H302 Harmful if swallov		
H315 Causes skin irritat	tion.	
H317 May cause an alle	-	
H319 Causes serious ey		
H332 Harmful if inhaled H334 May cause allergy	d. y or asthma symptoms or breathing dif	ficulties if inhaled
H335 May cause respira		
H351 Suspected of cause		
H362 May cause harm t	to breast-fed children.	
Reason for revision: 9.1		Publication date: 2002-02-23
		Date of revision: 2019-11-14
Revision number: 0602		Product number: 51803 16 / 17

•					
H373 May cause dama	ge to organs through prolonged or repea	ated exposure if inha	led.		
H400 Very toxic to aqu	atic life.				
H410 Very toxic to aqu	atic life with long lasting effects.				
H413 May cause long l	asting harmful effects to aquatic life.				
		_			
(*) I	NTERNAL CLASSIFICATION BY BIG				
ADI A	Acceptable daily intake				
AOEL /	Acceptable operator exposure level				
CLP (EU-GHS)	Classification, labelling and packaging (Gl	obally Harmonised S	ystem in Europe)		
DMEL I	Derived Minimal Effect Level				
DNEL I	Derived No Effect Level				
EC50 I	ffect Concentration 50 %				
ErC50 I	C50 in terms of reduction of growth rate	2			
LC50 I	ethal Concentration 50 %				
LD50 I	ethal Dose 50 %				
NOAEL	No Observed Adverse Effect Level				
NOEC	No Observed Effect Concentration				
OECD	Organisation for Economic Co-operation	and Development			
	Persistent, Bioaccumulative & Toxic				
PNEC I	Predicted No Effect Concentration			_	
STP S	Sludge Treatment Process				
vPvB v	very Persistent & very Bioaccumulative				
actor					
alkanes, C14-17, chloro		100	Acute	BI	G
		1 · · ·			

aikalles, C14-17, Cillolo	100	Acute	ыд	
alkanes, C14-17, chloro	10	Chronic (NRD)	BIG	

Specific concentration limits CLP

ific concentration limits CLP			
polymethylene polyphenyl isocyanate	C ≥ 0.1 %	Resp. Sens. 1; H334	analogous to Annex
	C ≥ 5 %	Skin Irrit. 2; H315	analogous to Annex
	C ≥ 5 %	Eye Irrit. 2; H319	analogous to Annex
	C ≥ 5 %	STOT SE 3; H335	analogous to Annex
alkanes, C14-17, chloro	1,0 % ≤ C ≤ 20 %	Lact. H362	FEICA Position Pape
			on the classification
			and labelling of One
			Component Foam
			(OCF) containing M
			Chained Chlorinate
			Paraffin (MCCP) Ma
			7th 2014)
	1,0 % ≤ C ≤ 20 %	EUH066	FEICA Position Pape
			on the classificatior
			and labelling of One
			Component Foam
			(OCF) containing M
			Chained Chlorinate
			Paraffin (MCCP) Ma
			7th 2014)
	0,25 % ≤ C ≤ 20 %	Aquatic Chronic 4; H413	FEICA Position Pape
			on the classification
			and labelling of One
			Component Foam
			(OCF) containing M
			Chained Chlorinate
			Paraffin (MCCP) Ma
			7th 2014)

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