

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

- : SOUDAFOAM GAP FILLER GUN GRADE
- 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 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

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 T +32 14 42 42 31 +32 14 42 65 14 msds@soudal.com

1.4. Emergency telephone number

24h/24h (Telephone advice: English, French, German, Dutch): +32 14 58 45 45 (BIG)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classified as dange	erous according to	the criteria of Regulation (EC) No 1272/2008							
Class	Category	lazard 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.	category 2	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	category 4	H413: May cause long lasting harmful effects to aquatic life.							

2.2. Label elements



Created by: Brandweerinformatiecentrum voor gevaarlijke stoffen vzw (BIG) Technische Schoolstraat 43 A, B-2440 Geel http://www.big.be © BIG vzw Reason for revision: 3 Revision number: 0505 Publication date: 2002-03-23 Date of revision: 2017-08-23

Product number: 51803

134-15960-573-en

Contains: polymethylene	polyphenyl isocyanate; alkanes, C14-17, chloro.
Signal word	Danger
H-statements	
H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H351	Suspected of causing cancer.
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 information	on second se
	- Persons already sensitised to diisocyanates 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 01-2119486944-21	74-98-6 200-827-9	1% <c<10%< td=""><td>Flam. Gas 1; H220 Press. Gas - Liquefied gas; H280</td><td>(1)(2)(10)</td><td>Propellant</td></c<10%<>	Flam. Gas 1; H220 Press. Gas - Liquefied gas; H280	(1)(2)(10)	Propellant
dimethyl ether 01-2119472128-37	115-10-6 204-065-8	1% <c<15%< td=""><td>Flam. Gas 1; H220 Press. Gas - Liquefied gas; H280</td><td>(1)(2)(10)</td><td>Propellant</td></c<15%<>	Flam. Gas 1; H220 Press. Gas - Liquefied gas; H280	(1)(2)(10)	Propellant
polymethylene polyphenyl isocyanate	9016-87-9	10% <c<40%< td=""><td>Carc. 2; H351 Resp. Sens. 1; H334 Skin Sens. 1; H317 Acute Tox. 4; H332 STOT RE 2; H373 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335</td><td>(1)(2)(8)(10)(18)</td><td>Polymer</td></c<40%<>	Carc. 2; H351 Resp. Sens. 1; H334 Skin Sens. 1; H317 Acute Tox. 4; H332 STOT RE 2; H373 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335	(1)(2)(8)(10)(18)	Polymer
isobutane 01-2119485395-27	75-28-5 200-857-2	1% <c<10%< td=""><td>Flam. Gas 1; H220 Press. Gas - Liquefied gas; H280</td><td>(1)(2)(10)</td><td>Propellant</td></c<10%<>	Flam. Gas 1; H220 Press. Gas - Liquefied gas; H280	(1)(2)(10)	Propellant
alkanes, C14-17, chloro 01-2119519269-33	85535-85-9 287-477-0	1% <c<20%< td=""><td>Lact. ; H362 Aquatic Acute 1; H400 Aquatic Chronic 1; H410</td><td>(1)(2)(8)(10)</td><td>UVCB</td></c<20%<>	Lact. ; H362 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	(1)(2)(8)(10)	UVCB
ason for revision: 3			Publication date: 200 Date of revision: 201		
vision number: 0505			Product number: 518	803	2/2

	/			
reaction mass of tris(2-chloropropyl) phosphate and	1%C<5%	Acute Tox. 4; H302	(1)(10)	Constituent
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 01-2119486772-26				
(1,3-butadiene, conc<0.1%)				
(1) For H-statements in full: see heading 16				
(2) Substance with a Community workplace exposure limit				
(8) Specific concentration limits, see heading 16				
(10) Subject to restrictions of Annex XVII of Regulation (EC) No. 1907/20				
(18) Polymethylene polyphenyl isocyanate, contains > 0.1% MDI-isomer	5			
SECTION 4: First aid measures				
4.1. Description of first aid measures				
General:				
GENERAL. Check the vital functions. Unconscious: maintain adec	uate airway and r	espiration. Respiratory arrest: a	rtificial respiratio	n or oxygen. Cardiac arrest:
perform resuscitation. Victim conscious with laboured breathing				
asphyxia/aspiration pneu <mark>monia. Prevent cooling by covering th</mark> e		ng up). Keep watching the victir	n. Give psycholog	ical aid. Keep the victim
calm, avoid physical strain <mark>. Depending on the victim's condition</mark> :	doctor/hospital.			
After inhalation:				
Remove the victim into fr <mark>esh air. Respiratory problems: consult</mark> a	a doctor/medical s	ervice.		
After skin contact:				
Wash immediately with lo <mark>ts of water. Take victim to a doctor if</mark> i	rritation persists.			
After eye contact:				
Rinse immediately with pl <mark>enty of water. Remove contact lenses</mark> ,	if present and eas	y to do. Continue rinsing. Do no	ot apply neutralizi	ng agents. Take victim to an
ophthalmologist if irritation persists.				
After ingestion:				
Rinse mouth with water. Immediately after ingestion: give lots o	f water to drink. D	o not induce vomiting. Consult	a doctor/medical	service if you feel unwell.
4.2. Most important symp <mark>toms and effects, both acute</mark>	and delayed			
4.2.1 Acute symptoms				
After inhalation:				
Dry/sore throat. Coughing. Irritation of the respiratory tract. Irrit			se. FOLLOWING S	SYMPTOMS MAY APPEAR
LATER: Possible inflammation of the respiratory tract. Risk of lun	g oedema. Respira	itory 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 treatm	ent needed		
If applicable and available it will be listed below.	special treatil	lent needed		
SECTION 5: Firefighting measures				
5.1. Extinguishing media				
5.1.1 Suitable extinguishing media:				
Small fire: Quick-acting ABC powder extinguisher, Quick-acting B	C powder extingu	sher.		
5.1.2 Unsuitable extinguishin <mark>g media:</mark>				
Small fire: Quick-acting C <mark>O2 extinguisher, Water (water can be</mark> u	sed to control jet f	lame), Foam.		
Major fire: Water (water can be used to control jet flame), Foam			r	
5.2. Special hazards arising from the substance or mixtu	Iro			
On burning: release of toxic and corrosive gases/vapours (nitrou		en chloride, carbon monoxide -	carbon dioxide)	Pressurised container: May
burst if heated. May polymerize on exposure to temperature rist				
	Ū.		, .	- /
5.3. Advice for firefighters				
5.3.1 Instructions:	7			
If exposed to fire cool the closed containers by spraying with wa				
exposed to heat. After cooling: persistant risk of physical explosi	on. Dilute toxic gas	ses with water spray. Take acco	unt of toxic/corro	osive precipitation water.
			000 00 00	
Reason for revision: 3		Publication date: 2		
		Date of revision: 2	017-08-23	
Revision number: 0505		Product number: 5	51803	3/19

5.3.2 Special protective equipment for fire-fighters:

Gloves. Protective goggles. Head/neck protection. Protective clothing. Heat/fire exposure: compressed air/oxygen apparatus.

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. Protective goggles. Head/neck protection. Protective clothing.

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

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

Reaso

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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 dip	hénylméthane (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 C4)	ues sous forme gazeuse : (Alcanes C1-	Time-weighted average exposure limit 8 h	1000 ppm
Oxyde de diméthyle		Time-weighted average exposure limit 8 h	1000 ppm
		Time-weighted average exposure limit 8 h	1920 mg/m ³
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The Netherlands				
Dimethylether		Time-weighted average expos	sure limit 8 h (Public occupatio	onal exposure 496 ppm
		limit value) Time-weighted average expos	sure limit 8 h (Public occupatio	onal exposure 950 mg/m ³
		limit value)		
		Short time value (Public occup Short time value (Public occup		
				1300 mg/m
France		L		
4,4'-Diisocyanate de diphé	enylméthane	Time-weighted average exposindicative)	sure limit 8 h (VL: Valeur non r	églementaire0.01 ppm
		Time-weighted average exposindicative)	sure limit 8 h (VL: Valeur non r	réglementaire0.1 mg/m³
		Short time value (VL: Valeur n	on réglementaire indicative)	0.02 ppm
		Short time value (VL: Valeur n		0.2 mg/m³
Oxyde de diméthyle		Time-weighted average exposindicative)	sure limit 8 h (VRI: Valeur régl	ementaire 1000 ppm
		Time-weighted average exposindicative)	sure limit 8 h (VRI: Valeur régl	ementaire 1920 mg/m ³
Germany				I
4,4'-Methylendiphenyldiis	socyanat	Time-weighted average expos	sure limit 8 h (TRGS 900)	0.05 mg/m³
Chloralkane, C14-17 (Chlo	-	Time-weighted average expo		0.3 ppm
		Time-weighted average expos		6 mg/m ³
Dimethylether		Time-weighted average expos		1000 ppm
		Time-weighted average expos		1900 mg/m ³
Isobutan		Time-weighted average expos	, ,	1000 ppm
		Time-weighted average expos		2400 mg/m ³
pMDI (als MDI berechnet)		Time-weighted average expos		0.05 mg/m ³
Propan		Time-weighted average expos		1000 ppm
		Time-weighted average expos		1800 mg/m ³
			(
ик				
Dimethyl ether		Time-weighted average expo (EH40/2005))	sure limit 8 h (Workplace expo	
		Time-weighted average expo (EH40/2005))	sure limit 8 h (Workplace expo	osure limit 766 mg/m³
		Short time value (Workplace	exposure limit (EH40/2005))	500 ppm
		Short time value (Workplace	958 mg/m³	
Isocyanates, all (as -NCO)	Except methyl isocyanate	Time-weighted average exposed (EH40/2005))	sure limit 8 h (Workplace expo	osure limit 0.02 mg/m ³
		Short time value (Workplace	exposure limit (EH40/2005))	0.07 mg/m³
USA (TLV-ACGIH)				
Butane, all isomers		Short time value (TLV - Adopt	ed Value)	1000 ppm
Methylene bisphenyl isocy	vanate (MDI)		sure limit 8 h (TLV - Adopted V	
b) National biological limit				
If limit values are applicabl	le and available these will be listed be	elow.		
3.1.2 Sampling methods				
Product name		Test	Number	
Isocyanates		NIOSH	5521	
Isocyanates		NIOSH	5522	-
.1.3 Applicable limit values v	when using the substance or mixture	as intended		
If limit values are applicabl	le and available these will be listed be	elow.		
3.1.4 DNEL/PNEC values				
DNEL/DMEL - Workers				
alkanes, C14-17, chloro				
Effect level (DNEL/DME	L) Type		Value	Remark
DNEL	Long-term systemic effe	cts inhalation	6.7 mg/m ³	
	Long-term systemic effe		47.9 mg/kg bw/day	-
· · · · ·				
for revision: 3			Publication date: 2002-03-23 Date of revision: 2017-08-23	
number: 0505			Product number: 51803	5/19
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Effect level (DNEL/DMEL)	Туре		Value		Remark
DNEL	Long-term systemic effe	ects inhalation	5.82 mg/m ³		
	Acute systemic effects in		22.4 mg/m ³		
	Long-term systemic effe		2.08 mg/kg bv	v/dav	
	Acute systemic effects d		8 mg/kg bw/c		
DNEL (DMEL Conoral nanulati	I	leimai	o mg/ kg bw/c	ay	
DNEL/DMEL - General populati					
alkanes, C14-17, chloro	T		he 1		Demail
Effect level (DNEL/DMEL)	Туре		Value		Remark
DNEL	Long-term systemic effe		2 mg/m³		
	Long-term systemic effe		28.75 mg/kg l		
	Long-term systemic effe		0.58 mg/kg bv		
reaction mass of tris(2-chloropro	opyl) phosphate and tris(2-chlo	pro-1-methylethyl) phos	phate and phosphoric a	icid, bis <mark>(2-ch</mark> l	oro-1-methylethyl) 2-ch
Effect level (DNEL/DMEL)	Туре		Value		Remark
DNEL	Long-term systemic effe	ects inhalation	1.46 mg/m ³		
	Acute systemic effects in	nhalation	11.2 mg/m ³		
	Long-term systemic effe	ects dermal	1.04 mg/kg bv	v/day	
	Acute systemic effects d	dermal	4 mg/kg bw/c	ау	
	Long-term systemic effe		0.52 mg/kg bv		
PNEC					1
alkanes, C14-17, chloro					
Compartments	Value		le le	emark	
			P C C C C C C C C C C C C C C C C C C C	endrk	
Fresh water	1 μg/l				
Marine water	0.2 μg/				
STP	80 mg/				
Fresh water sediment		kg sediment dw			
Marine water sediment		/kg sediment dw			
Soil		<mark>g/</mark> kg soil dw			
Oral	10 mg/	'kg food			
reaction mass of tris(2-chloropre	opyl) phosphate and tris(2-chlo	pro-1-methylethyl) phos	phate and phosphoric a	cid, bis(2-chl	oro-1-methylethyl) 2-ch
Compartments	Value		F	emark	
Fresh water	0.64 mg	g/l			
Aqua (intermittent releases)	0.51 mg				
Marine water	0.064 n				
STP	7.84 m				
Fresh water sediment		g/kg sediment dw			
Marine water sediment		g/kg sediment dw			
		/kg soil dw			
Soil					
Oral	11.6 mg	g/kg food			
.5 Control banding					
5 Control banding If applicable and available it will xposure controls information in this section is a g narios that correspond to your in	general description. If applicabl dentified use.	e and available, exposu	re scenarios are attache	ed in annex. A	lways use the relevant
If applicable and available it will xposure controls information in this section is a gen narios that correspond to your in 1 Appropriate engineering cont Use spark-/explosionproof appli concentration in the air regular	general description. If applicabl dentified use. trols iances and lighting system. Kee y.	ep away from naked flan			
If applicable and available it will xposure controls information in this section is a g narios that correspond to your ic 1 Appropriate engineering cont Use spark-/explosionproof appli concentration in the air regularl 2 Individual protection measur Observe very strict hygiene - avo	general description. If applicabl dentified use. trols iances and lighting system. Kee y. es, such as personal protective	ep away from naked flan e equipment			
If applicable and available it will xposure controls information in this section is a g narios that correspond to your io 1 Appropriate engineering cont Use spark-/explosionproof appli concentration in the air regularl 2 Individual protection measur Observe very strict hygiene - avo <u>lespiratory protection</u> :	general description. If applicabl dentified use. trols iances and lighting system. Kee y. es, such as personal protective oid contact. Do not eat, drink o	ep away from naked flan e equipment or smoke during work.			
If applicable and available it will xposure controls information in this section is a gen narios that correspond to your io 1 Appropriate engineering cont Use spark-/explosionproof appli concentration in the air regular 2 Individual protection measur Observe very strict hygiene - avor <u>tespiratory protection</u> : Wear gas mask with filter type A	general description. If applicabl dentified use. trols iances and lighting system. Kee y. es, such as personal protective oid contact. Do not eat, drink o	ep away from naked flan e equipment or smoke during work.			
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If applicable and available it will xposure controls information in this section is a genarios that correspond to your io 1 Appropriate engineering cont Use spark-/explosionproof appliconcentration in the air regularly 2 Individual protection measur Observe very strict hygiene - available available and protection: Wear gas mask with filter type A land protection: Gloves. Materials LDPE (Low Density Poly Ethylene)	general description. If applicabl dentified use. trols iances and lighting system. Kee y. es, such as personal protective oid contact. Do not eat, drink o A if conc. in air > exposure limit Breakthroo	ep away from naked flan e equipment or smoke during work. ugh time	nes/heat. Keep away fro	om ignition so ckness	
If applicable and available it will xposure controls information in this section is a generios that correspond to your io 1 Appropriate engineering cont Use spark-/explosionproof appliconcentration in the air regularly 2 Individual protection measur Observe very strict hygiene - available expiratory protection: Wear gas mask with filter type A land protection: Gloves. Materials LDPE (Low Density Poly Ethylene ye protection:	general description. If applicabl dentified use. trols iances and lighting system. Kee y. es, such as personal protective oid contact. Do not eat, drink o A if conc. in air > exposure limit Breakthroo	ep away from naked flan e equipment or smoke during work. ugh time	nes/heat. Keep away fro	om ignition so ckness	
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If applicable and available it will xposure controls a information in this section is a genarios that correspond to your id 1 Appropriate engineering cont Use spark-/explosionproof applic concentration in the air regularly 2 Individual protection measur Observe very strict hygiene - avor Respiratory protection: Wear gas mask with filter type A dand protection: Gloves. Materials LDPE (Low Density Poly Ethylenov ye protection: Protective goggles. Kin protection:	general description. If applicabl dentified use. trols iances and lighting system. Kee y. es, such as personal protective oid contact. Do not eat, drink o A if conc. in air > exposure limit Breakthrou e) > 10 minut	ep away from naked flan e equipment or smoke during work. ugh time	nes/heat. Keep away fro	om ignition so ckness	
If applicable and available it will xposure controls e information in this section is a genarios that correspond to your id 1 Appropriate engineering cont Use spark-/explosionproof application in the air regular 2 Individual protection measur Observe very strict hygiene - avort tespiratory protection: Wear gas mask with filter type A tand protection: Gloves. Materials LDPE (Low Density Poly Ethyleny ye protection: Protective goggles. kin protection: Head/neck protection. Protective	general description. If applicabl dentified use. trols iances and lighting system. Kee y. es, such as personal protective oid contact. Do not eat, drink o A if conc. in air > exposure limit Breakthrou e) > 10 minut /e clothing.	ep away from naked flan e equipment or smoke during work. ugh time	nes/heat. Keep away fro	om ignition so ckness	
If applicable and available it will xposure controls information in this section is a genarios that correspond to your id 1 Appropriate engineering cont Use spark-/explosionproof application in the air regular 2 Individual protection measur Observe very strict hygiene - avorespiratory protection: Wear gas mask with filter type A <u>tand protection:</u> Gloves. Materials LDPE (Low Density Poly Ethyleney ye protection: Protective goggles. <u>kin protection:</u> Head/neck protection. Protective 3 Environmental exposure cont	general description. If applicabl dentified use. trols iances and lighting system. Kee y. es, such as personal protective oid contact. Do not eat, drink o A if conc. in air > exposure limit Breakthrou e) > 10 minut /e clothing.	ep away from naked flan e equipment or smoke during work. ugh time	nes/heat. Keep away fro	om ignition so ckness	
If applicable and available it will xposure controls information in this section is a genarios that correspond to your io 1 Appropriate engineering cont Use spark-/explosionproof application in the air regular 2 Individual protection measur Observe very strict hygiene - avorespiratory protection: Wear gas mask with filter type A land protection: Gloves. Materials LDPE (Low Density Poly Ethylenovy ye protection: Protective goggles. kin protection: Head/neck protection. Protective	general description. If applicabl dentified use. trols iances and lighting system. Kee y. es, such as personal protective oid contact. Do not eat, drink o A if conc. in air > exposure limit Breakthrou e) > 10 minut /e clothing.	ep away from naked flan e equipment or smoke during work. ugh time	nes/heat. Keep away fro	om ignition so ckness	
If applicable and available it will xposure controls information in this section is a genarios that correspond to your id 1 Appropriate engineering cont Use spark-/explosionproof application in the air regular 2 Individual protection measur Observe very strict hygiene - avorespiratory protection: Wear gas mask with filter type A <u>tand protection:</u> Gloves. Materials LDPE (Low Density Poly Ethyleney ye protection: Protective goggles. <u>kin protection:</u> Head/neck protection. Protective 3 Environmental exposure cont	general description. If applicabl dentified use. trols iances and lighting system. Kee y. es, such as personal protective oid contact. Do not eat, drink o A if conc. in air > exposure limit Breakthrou e) > 10 minut /e clothing.	ep away from naked flan e equipment or smoke during work. ugh time	nes/heat. Keep away fro	om ignition so ckness 25 mm	ources/sparks. Measure
If applicable and available it will xposure controls information in this section is a genarios that correspond to your io 1 Appropriate engineering cont Use spark-/explosionproof appliconcentration in the air regularl 2 Individual protection measur Observe very strict hygiene - aven espiratory protection: Wear gas mask with filter type A land protection: Gloves. Materials LDPE (Low Density Poly Ethylene ye protection: Protective goggles. kin protection: Head/neck protection. Protective 3 Environmental exposure cont See headings 6.2, 6.3 and 13	general description. If applicabl dentified use. trols iances and lighting system. Kee y. es, such as personal protective oid contact. Do not eat, drink o A if conc. in air > exposure limit Breakthrou e) > 10 minut /e clothing.	ep away from naked flan e equipment or smoke during work. ugh time	nes/heat. Keep away fro	ckness 25 mm te: 2002-03-7	purces/sparks. Measure

SECTION 9: Physical and chemical properties

Physical form	Aerosol Aerosol
Odour	Characteristic 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	No data available
Kinematic viscosity	No data available
Melting point	No data available
Boiling point	No data available
Flash point	Not applicable
Evaporation rate	No data available
Relative vapour density	>1
Vapour pressure	No data available
Solubility	Organic solvents ; soluble
	Water ; insoluble
Relative density	0.95 ; 20 °C
Decomposition temperature	No data available
Auto-ignition temperature	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
Other information	
Absolute density	950 kg/m ³ ; 20 °C

Absolute density

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

Reason for revision: 3

Revision number: 0505

Publication date: 2002-03-23 Date of revision: 2017-08-23

Product number: 51803

Route of exposure	enyl isocyanate			_	-	1	
noute of exposure	e Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Oral	LD50		> 10000 mg/kg	_	Rat	Literature study	
Dermal	LD50		> 5000 mg/kg		Rabbit	Literature study	
Inhalation (vapour	s) LD50		10 mg/l - 20 mg	/l 4 h	Rat	Literature study	
Inhalation	<u>·</u>		category 4			Literature study	
Ikanes, C14-17, chloro	0	1				,	
Route of exposure		Method	Value	Exposure time	Species	Value determination	Remark
Oral	LD50		> 4000 mg/kg b	M/	Rat (male/female)	Experimental value	
Dermal	LD50		> 13500 mg/kg		Rabbit	Read-across	
Inhalation (vapour			> 48.170 mg/l ai		Rat	Read-across	
	,	h a an h a ta an al tuis (2				-	2
ind phosphoric acid, 2				<u>invi) phosphate and p</u>	hosphoric acid, bis(2-c	nioro-1-metriyietriyi)	<u>z-cnioropropy</u>
Route of exposure		Method	Value	Exposure time	Species	Value	Remark
·····						determination	
Oral	LD50	EU Method B.1 tris	632 mg/kg bw		Rat (female)	Experimental value	
Dermal	LD50	OECD 402	> 2000 mg/kg b	w 24 h	Rat (male/female)	Experimental value	
Inhalation (aerosol		OECD 403	> 7 mg/l	4 h	Rat (male/female)	Experimental value	L
nclusion	<u>~ </u>	1	0,		, , ,		
sion/irritation DAFOAM GAP FILLER No (test)data on the m Classification is based o	nixture av <mark>ailable</mark>						
		0					
olymethylene polyph	1						L .
Route of exposure	Result	Method	Exposure tim	e Time point	Species	Value	Remark
Euro.	luuitetin ev			_		determination	
Eye	Irritating; category 2					Literature study	
Skin	Irritating;			_		Literature study	
SKIT	category 2					Literature study	
Inhalation	Irritating;					Literature study	
	STOT SE cat.3					Literature study	
Ikanes, C14-17, chloro	0						
Route of exposure		Method	Exposure tim	e Time point	Species	Value	Remark
·						determination	
Eye	Slightly irritatir	ıg			Rabbit	Expert judgement	1
Skin	Slightly i <mark>rritatir</mark>	ng OECD 404	4 h	24; 72 hours	Rabbit	Expert judgement	
		h a a a la a ta a a a l tuta (2		thul) phosphoto and p			
eaction mass of tris(2	-chloropropyl) p	phosphate and trist2.	chloro-1-methylet	nyi) phosphate and p	hosphoric acid, bis(2-c	hloro-1-methylethyl)	2-chloropropy
eaction mass of tris(2 and phosphoric acid, 2				inyi) phosphate and p	hosphoric acid, bis(2-c	hloro-1-methylethyl)	2-chloropropy
	-chloro- <mark>1-meth</mark>				hosphoric acid, bis(2-c	hloro-1-methylethyl) : Value	2-chloropropy
ind phosphoric acid, 2	-chloro- <mark>1-meth</mark>	ylethyl bis(2-chlorop	ropyl) ester				
ind phosphoric acid, 2	-chloro- <mark>1-meth</mark>	ylethyl bis(2-chlorop	ropyl) ester			Value	Remark
nd phosphoric acid, 2 Route of exposure Eye Skin nclusion	e-chloro- <mark>1-meth Result</mark>	ylethyl bis(2-chlorop Method	ropyl) ester Exposure tim	e Time point	Species	Value determination	Remark
nd phosphoric acid, 2 Route of exposure Eye Skin	Action. Construction	ylethyl bis(2-chlorop Method OECD 405 OECD 404	ropyl) ester Exposure tim 24 h	re Time point 7 days	Species Rabbit	Value determination Experimental value	Remark
Ind phosphoric acid, 2 Route of exposure Eye Skin Inclusion Causes skin irritation. Causes serious eye irrit May cause respiratory ratory or skin sensitisa DAFOAM GAP FILLER Io (test)data on the m	Action. Construction	ylethyl bis(2-chlorop Method OECD 405 OECD 404	ropyl) ester Exposure tim 24 h	re Time point 7 days	Species Rabbit	Value determination Experimental value Experimental value	Remark
Ind phosphoric acid, 2 Route of exposure Eye Skin Inclusion Causes skin irritation. Causes serious eye irri May cause respiratory ratory or skin sensitist DAFOAM GAP FILLER Io (test)data on the m Classification is based of	Action. Construction	ylethyl bis(2-chlorop Method OECD 405 OECD 404	ropyl) ester Exposure tim 24 h	re Time point 7 days	Species Rabbit Rabbit	Value determination Experimental value Experimental value	Remark

polymethylene polyp	honylisogy	nato									
Route of exposure			Method		Fxposu	re time	Observation time	Species	Value dete	ermination	Remark
	licount		meenou		Expose	ie unie	point	openes	Funde dett		
Skin	Sensitizing category 1								Literature	study	
Inhalation	Sensitizing category 1	;							Literature	study	
alkanes, C14-17, chlo											
Route of exposure	_		Method		Exposu	re time	Observation time point	Species	Value dete	ermination	Remark
Skin	Not sensiti		Guinea pig maximisatior	tost			48 hours	Guinea pig	Experimen	tal value	
reaction mass of tris(2	2-chloropro				pro-1-m	ethylethyl)	hosphate and phos	phoric acid his(2-c	l nloro-1-me	thylethyl) 2	 2-chloropropyl est
and phosphoric acid,							prioopriace and prioe		1010 1 1110		
Route of exposure			Method			re time	Observation time point	Species	Value dete	ermination	Remark
Skin	Not sens <mark>iti</mark>	zing	OECD 429					Mouse (female)	Experimen	tal value	
onclusion	-	0	I					, ,			
May cause an allergic	skin reactio	on.									
May cause allergy or	asthma sym	ptoms	or breathing	difficultie	es if inha	aled.					
, 0,			0			· · ·					
ific target organ toxic	ity										
UDAFOAM GAP FILLER											
lo (test)data on the m											
Classification is based	on the rele	vant ing	gredients								
polymethylene polyp											
Route of exposur	e Paramet	er Me	ethod	Value		Organ	Effect	Exposure time	Species		Value
											determination
Inhalation				STOT RE	cat.2						Literature study
alkanes, C14-17, chlo	ro										
Route of exposur	e Paramet	er Me	ethod	Value		Organ	Effect	Exposure time	Species		Value
											determination
Oral (diet)	NOAEL		uivalent to CD 408	300 ppn	n		No effect	13 weeks (daily)	Rat (male/	female)	Experimental valu
Oral (diet)	NOAEL		uivalent to ECD 408	23 mg/k bw/day mg/kg b	- 24.6		No effect	13 weeks (daily)	Rat (male/	female)	Experimental valu
Dermal											Data waiving
Inhalation											Data waiving
reaction mass of tris(2-chloropro	nyl) nhc	osnhate and t	ris(2-chlo	oro_1_m	athylathyl	nhosphate and phos	nhoric acid his/2-cl	l nloro-1-me	thylothyl) 2	0
and phosphoric acid,							phosphate and phos		1010-1-1116	LITYICLITYI) 2	
Route of exposur			ethod	Value	17 0000	Organ	Effect	Exposure time	Species		Value determination
Oral (diet)	NOAEL		bchronic xicity test	171 mg/ bw/day	/kg		No effect	13 weeks (daily)	Rat (femal	e)	Experimental valu
Oral (diet)	LOAEL		bchronic	52 mg/k	σ	Liver	Weight gain	13 weeks (daily)	Rat (male)		Experimental valu
		to	xicity test	bw/day	0	LIVEI		15 WEEKS (daily)			-
Inhalation (vapours)	Dose leve	el		0.586 m	ıg/l air		No effect		Mouse (ma	ale)	Experimental valu
Conclusion											
May cause damage to	o organs thr	ough pr	rolonged or re	epeated e	exposu	e if inhaled	ł.				
Not classified as sub-	chronically t	oxic in o	contact with s	skin							
Not classified as sub-	chronically t	oxic if s	wallowed								
agenicity (in vitro)											
UDAFOAM GAP FILLER											
No (test)data on the	mixture ava	liable									
alkanes, C14-17, chlo	ro										
Result		Meth	nod			Test subst	rate	Effect		Value dete	ermination
Negative with me	tabolic	OECD) 471			Bacteria (S	.typhimurium)	No effect		Experimen	tal value
activation, negati	ve without										
metabolic activati	ion										
on for revision: 3								Publication date: 20	02-03-25		
011101 129151011: 3								Date of revision: 20			
ion number OFOF								Product numbers 54	803		9/19
sion number: 0505								Product number: 51	.005		9/19

rea	ction mass of t	ris(2-chloropr	opyl) phos	phate and	d tris(2-chlore	0-1-m	ethylethyl)	phospha	te and pho	sphoric a	cid, bis	(2-chloro-1	-methyle	thyl) 2-	chloropropyl ester
	phosphoric a		-methyleth	nyl bis(2-a											
	Result		Metho				Test subst			Effect				Value determination	
	Negative with activation, neg	gative withou	OECD 4	82			Rat liver cells				Expe	Experimental value			
					Mouse (lyr cells)	nphoma I	L5178Y				Expe	rimenta	al value		
	metabolic acti	ivation									-				
Mutage	nicity (in vivo)														
	AFOAM GAP FII (test)data on t														
	ssification is ba			edients											
alk	anes, C14-17, c	<u>chloro</u>				F		_	T					h (- 1	
	Result Negative			Method Equivale		5 day	sure time		Test substr Rat (male)	rate	-	Organ Bone marr	·O)W/		e determination rimental value
	Negative			475	nt to OECD	Juay	(3)		Mouse (ma	ale/femal	<u>م)</u>	Bone marr			rimental value
				474			all fails IV		_						
	<u>ction mass of t</u> phosphoric a							phospha	te and pho	sphoric a	cid, bis	2-chloro-1	-methyle	tnyl) 2-0	chloropropyl ester
<u>an</u>	Result			Method			sure time		Test substr	rate		Organ		Valu	e determination
	Negative			OECD 47					Mouse (ma			Bone marr	.ow		rimental value
Conc	lusion			<u></u>											
No	t classified for i	mutagenic or	genotoxic t	oxicity											
Carcinog	enicity														
-	FOAM GAP Fil (test)data on t														
	ssification is ba			edients											
pol	ymethylene po												1-		
	Route of exposure	Parameter	Method		Value		Exposure t	time	Species		Effect		Organ		Value determination
	Unknown				category 2			_							Literature study
alk	anes, C14-17, c Route of	Parameter	Method		Value		Exposure t	imo	Species		Effect		Organ		Value
	exposure Oral	LOAEL	Equivaler		312 mg/kg		104 weeks		Rat			ogenicity	Liver; kic	lnov	determination Read-across
			OECD 45	1	bw/day		days/week	<)	(male/fei				-	шеу	
	Oral	LOAEL	Equivaler OECD 45:	1	312 mg/kg bw/day		103 weeks days/week	()	Rat (male/fei				Thyroid		Read-across
	<u>ction mass of t</u> hosphoric a							phospha	te and pho	sphoric a	cid, bis	(2-chloro-1	-methyle	thyl) 2-0	chloropropyl ester
and	Route of exposure	Parameter	Method		Value		Exposure t	time	Species		Effect	· · · ·	Organ		Value determination
	Inhalation							_							Data waiving
	Dermal												1		Data waiving
	Oral												1		Data waiving
Sus	lusion pected of caus	sing cancer.													
vehiodi	ctive toxicity														
	AFOAM GAP Fil (test)data on t														
Cla	ssification is ba	ased on the re	levant ingre	edients											
							1								
Reason f	or revision: 3									Publication	on date	e: 2002-03-2	23		
ncasuiti	511 C 1131011. 3									·		: 2002-03-2			
Revision	number: 0505									Product	numbei	r: 51803			10/19

anes, C14-17, chloro								
	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Developmental toxicity	NOAEL	Equivalent to OECD 414	5000 mg/kg bw/day	14 days (gestation, daily)	Rat	No effect		Experimental value
Maternal toxicity	NOAEL	Equivalent to OECD 414	500 mg/kg bw/day	13 days (gestation, daily)	Rat	No effect		Experimental value
Effects on fertility	NOAEL (P)	OECD 421	100 mg/kg bw/day	9 week(s)	Rat (male)	No effect	Male reproductive organ	Experimental value
	NOAEL (P)	OECD 421	100 mg/kg bw/day	11 week(s) - 12 week(s)	Rat (female)	No effect	Female reproductive organ	Experimental value
Effects on lactation			May cause harm to breast- fed children.	•				Experimental value

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

	Parameter	Method	Value	Exposure time	Species	Effect	- 0-	Value determination
Developmental toxicity	LOAEL		99 mg/kg bw/day		Rat (female)	Embryotoxicity		Experimental value
Effects on fertility	LOAEL		99 mg/kg bw/day		Rat (male/female)		Female reproductive organ	Experimental value

Conclusion

May cause harm to breast-fed children.

Not classified for reprotoxic or developmental toxicity

Toxicity other effects

SOUDAFOAM GAP FILLER GUN GRADE

No (test)data on the mixture available

alkanes, C14-17, chloro

Parameter	Method	Value	Organ	Effect	Exposure time		Value determination
	Other		Skin	Skin dryness or cracking		Rat	Experimental value

Chronic effects from short and long-term exposure

SOUDAFOAM GAP FILLER GUN GRADE

ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Feeling of weakness. Itching. Skin rash/inflammation. May stain the skin. Dry skin. Coughing. Possible inflammation of the respiratory tract. Respiratory difficulties.

SECTION 12: Ecological information

12.1. Toxicity

SOUDAFOAM GAP FILLER GUN GRADE

No (test)data on the mixture available

Classification is based on the relevant ingredients

polymethylene polyphenyl isocyanate

	Pa	arameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity other aquatic organisms	LC	C50		> 1000 mg/l	96 h				Literature study
Toxicity aquatic micro- organisms	E	C50	OECD 209	> 100 mg/l		Activated sludge			Literature study

Reason for revision: 3

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determinatio
Acute toxicity fishes	LC50	Equivalent to OECD 203	> 5000 mg	/l 96 h	Alburnus alburnus	Static system	Brackish water	Experimental value; Nominal concentration
Acute toxicity crustacea	EC50	OECD 202	0.006 mg/	48 h	Daphnia magna	Static system	Fresh water	Experimental value; GLP
Toxicity algae and other aquatic plants	NOEC	OECD 201	0.1 mg/l	96 h	Pseudokirchnerie la subcapitata	Static system	Fresh water	Experimental value; GLP
	ErC50	OECD 201	> 3.2 mg/l	72 h	Pseudokirchnerie la subcapitata	Static system	Fresh water	Experimental value; GLP
Long-term toxicity fish	NOEC	Equivalent to OECD 204	<mark>> 125</mark> µg/l	14 day(s)	Alburnus alburnus	Semi-static system	Brackish water	Experimental value
Long-term toxicity aquatic crustacea	NOEC	OECD 202	0.01 mg/l	21 day(s)	Daphnia magna	Static system	Fresh water	Experimental value
	Parameter	Method		Value	Duration	Specie	S	Value determinatio
Toxicity soil macro-organisms	NOEC	OECD 222		900 mg/kg soil a	lw 56 day(s)	Eisenia	a fetida	Experimental value
Toxicity soil micro-organisms	NOEC	OECD 216		≥ 400 mg/kg soi	l dw 28 day(s)	Soil m	icro-organisms	Experimental value
	EC50	OECD 216		> 400 mg/kg soi	l dw 28 day(s)	Soil m	icro-organisms	Experimental value
Toxicity terrestrial plants	NOEC	OECD 208		≥ 5000 mg/l	28 day(s)	Brassio	ca napus	Experimental value
Toxicity birds	LC50	Equivalent 205	to OECD	> 24603 mg/kg 1	food 5 day(s)	Phasia	nus colchicus	Experimental value
	NOEC	Equivalent 205	to OECD	24603 mg/kg fo	od 5 day(s)	Phasia	nus colchicus	Experimental value
action mass of tris(2-chloroprop ter and phosphoric acid, 2-chlor					e and phosphoric aci	d, bis(2-chloro	-1-methylethyl) 2-chloropropyl
	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt	Value determinatio
							water	

	Parameter	Method	Value	Duration	Species		Fresh/salt water	Value determination
Acute toxicity fishes	LC50	Other	56.2 mg/l	96 h	Brachydanio rerio	Static system		Experimental value; GLP
Acute toxicity crustacea	LC50		131 mg/l	48 h	Daphnia magna	Static system		Experimental value; Locomotor effect
Toxicity algae and other aquatic plants	ErC50	OECD 201	82 mg/l		Pseudokirchneriel la subcapitata	Static system		Experimental value; GLP
Long-term toxicity fish								Data waiving
Long-term toxicity aquatic crustacea	NOEC	OECD 202	32 mg/l	21 day(s)		Semi-static system		Experimental value; GLP
Toxicity aquatic micro- organisms	EC50	ISO 8192	784 mg/l	3 h	Activated sludge	Static system		Experimental value; GLP

Conclusion

May cause long lasting harmful effects to aquatic life.

12.2. Persistence and degradability

polymethylene polyphenyl isocyanate

Biodegradation water Method Value Duration Value determination OECD 302C: Inherent Biodegradability: < 60 % Experimental value Modified MITI Test (II) 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 Reason for revision: 3 Publication date: 2002-03-23 Date of revision: 2017-08-23 Revision number: 0505 Product number: 51803 12/19

	ater						
Method			Value		Duration		Value determination
OECD 301E: Mod	dified OECD	Screening T	est 14 %; GLP		28 day(s)		Experimental value
Phototransformat	ion air (DT	50 air)					
Method	-		Value		Conc. OH-rad	dicals	Value determination
AOPWIN v1.92			8.6 h		500000 /cm ³		Calculated value
Biodegradation so	il						
Method	-		Value		Duration		Value determination
							Data waiving
Half-life water (t1	/2 water)						
Method			Value		Primary		Value determination
					degradation/	/mineralisation	
EU Method C.7			> 1 year(s)		Primary degra	adation	Experimental value
nclusion ontains non readily 3. Bioaccumul DAFOAM GAP FILLE	ative pot	tential	nent(s)				
g Kow /lethod	1	Pomark	V	alue	Tomp	oraturo	Value determination
nethou		Remark Not applicab		aide	remp	erature	Value determination
		NUL applicat					
olymethylene poly	phenyl isocy	vanate					
BCF fishes							
Parameter	Metho	d	Value	Duration	Species		Value determination
BCF			1		Pisces		Literature study
Log Kow							
Method		Remark		Value	Te	emperature	Value determination
		No data	available				
lkanes, C14-17, chlo	oro						
BCF fishes						_	
Parameter	Method	d	Value	Duration	Species		Value determination
BCF	OECD 3	05	6660	35 day(s)	Oncorhynch	hus mykiss	Experimental value
Log Kow							
		Remark					
Method		Kennark		Value	le	emperature	Value determination
	-			<mark>5.4</mark> 7 - 8.01	le	emperature	Value determination Experimental value
Method				5.47 - 8.01 > 5			Experimental value
Method eaction mass of tris		opyl) phosp		5.47 - 8.01 > 5 -1-methylethyl)			
Method eaction mass of tris ster and phosphori		opyl) phosp	hate and tris(2-chloro ylethyl bis(2-chlorop	5.47 - 8.01 > 5 -1-methylethyl)			Experimental value
Method eaction mass of tris ster and phosphori BCF fishes	c acid, 2-chl	opyl) phosp loro-1-meth	ylethyl bis(2-chloropi	5.47 - 8.01 > 5 p-1-methylethyl) ropyl) ester	phosphate and ph		Experimental value
Method eaction mass of tris ster and phosphori BCF fishes Parameter	c acid, 2-chl Method	loro-1-meth	ylethyl bis(2-chloropi Value	5.47 - 8.01 > 5 -1-methylethyl) ropyl) ester Duration	phosphate and ph	osphoric acid, bis(2	Experimental value 2-chloro-1-methylethyl) 2-chloropro Value determination
Method eaction mass of tris ster and phosphori BCF fishes	c acid, 2-chl	loro-1-meth	ylethyl bis(2-chloropi	5.47 - 8.01 > 5 -1-methylethyl) ropyl) ester Duration	phosphate and ph	osphoric acid, bis(2	Experimental value
Method eaction mass of tris ster and phosphori BCF fishes Parameter BCF	c acid, 2-chl Method	loro-1-meth	ylethyl bis(2-chloropi Value	5.47 - 8.01 > 5 -1-methylethyl) ropyl) ester Duration	phosphate and ph	osphoric acid, bis(2	Experimental value 2-chloro-1-methylethyl) 2-chloropro Value determination
Method eaction mass of tris ster and phosphori BCF fishes Parameter	c acid, 2-chl Method	loro-1-meth	ylethyl bis(2-chloropi Value	5.47 - 8.01 > 5 -1-methylethyl) ropyl) ester Duration	phosphate and ph	osphoric acid, bis(2 Irpio	Experimental value 2-chloro-1-methylethyl) 2-chloropro Value determination
Method eaction mass of tris ster and phosphori BCF fishes Parameter BCF Log Kow Method	c acid, 2-chl Method	opyl) phosp loro-1-meth d 05	ylethyl bis(2-chloropi Value	5.47 - 8.01 > 5 -1-methylethyl) opyl) ester Duration it 6 week(s) Value	phosphate and ph	osphoric acid, bis(2	Experimental value C-chloro-1-methylethyl) 2-chloropro Value determination Experimental value Value determination
Method Eaction mass of tris ster and phosphori BCF fishes Parameter BCF Log Kow Method EU Method A.8	c acid, 2-chl Method	opyl) phosp loro-1-meth d 05	ylethyl bis(2-chloropi Value	5.47 - 8.01 > 5 -1-methylethyl) opyl) ester Duration it 6 week(s)	phosphate and ph	osphoric acid, bis(2 irpio emperature	Experimental value P-chloro-1-methylethyl) 2-chloropro Value determination Experimental value
Method eaction mass of tris ster and phosphori BCF fishes Parameter BCF Log Kow Method	c acid, 2-ch Method OECD 3	opyl) phospi loro-1-meth d 05 Remark	ylethyl bis(2-chloropi Value	5.47 - 8.01 > 5 -1-methylethyl) opyl) ester Duration it 6 week(s) Value	phosphate and ph	osphoric acid, bis(2 irpio emperature	Experimental value C-chloro-1-methylethyl) 2-chloropro Value determination Experimental value Value determination
Method Eaction mass of tris eaction mass of tris ester and phosphori BCF fishes Parameter BCF Log Kow Method EU Method A.8 nclusion ontains bioaccumu	c acid, 2-chl Method OECD 3 lative comp	opyl) phospi loro-1-meth d 05 Remark	ylethyl bis(2-chloropi Value	5.47 - 8.01 > 5 -1-methylethyl) opyl) ester Duration it 6 week(s) Value	phosphate and ph	osphoric acid, bis(2 irpio emperature	Experimental value C-chloro-1-methylethyl) 2-chloropro Value determination Experimental value Value determination
Method eaction mass of tris ster and phosphori BCF fishes Parameter BCF Log Kow Method EU Method A.8 nclusion ontains bioaccumu 2.4. Mobility in a	c acid, 2-chl Method OECD 3 lative comp soil	opyl) phospi loro-1-meth d 05 Remark	ylethyl bis(2-chloropi Value	5.47 - 8.01 > 5 -1-methylethyl) opyl) ester Duration it 6 week(s) Value	phosphate and ph	osphoric acid, bis(2 irpio emperature	Experimental value C-chloro-1-methylethyl) 2-chloropro Value determination Experimental value Value determination
Method Eaction mass of tris ster and phosphori BCF fishes Parameter BCF Log Kow Method EU Method A.8 nclusion ontains bioaccumu A.4. Mobility in a Ikanes, C14-17, chlo	c acid, 2-chl Method OECD 3 lative comp soil	opyl) phospi loro-1-meth d 05 Remark	ylethyl bis(2-chloropi Value	5.47 - 8.01 > 5 -1-methylethyl) opyl) ester Duration it 6 week(s) Value	phosphate and ph	osphoric acid, bis(2 irpio emperature	Experimental value C-chloro-1-methylethyl) 2-chloropro Value determination Experimental value Value determination
Method eaction mass of tris ster and phosphori BCF fishes Parameter BCF Log Kow Method EU Method A.8 nclusion ontains bioaccumu d.4. Mobility in a lkanes, C14-17, chlo (log) Koc	c acid, 2-chl Method OECD 3 lative comp soil	opyl) phospi loro-1-meth d 05 Remark	ylethyl bis(2-chloropi Value	5.47 - 8.01 > 5 -1-methylethyl) ester Duration t 6 week(s) Value 2.68	phosphate and ph	osphoric acid, bis(2 rpio emperature) °C	Experimental value P-chloro-1-methylethyl) 2-chloropro Value determination Experimental value Value determination Experimental value
Method Eaction mass of tris ster and phosphori BCF fishes Parameter BCF Log Kow Method EU Method A.8 nclusion ontains bioaccumu A.4. Mobility in Ikanes, C14-17, chlo (log) Koc Parameter	c acid, 2-chl Method OECD 3 lative comp soil	opyl) phospi loro-1-meth d 05 Remark	ylethyl bis(2-chloropi Value	5.47 - 8.01 > 5 -1-methylethyl) opyl) ester Duration it 6 week(s) Value	phosphate and ph	osphoric acid, bis(2 irpio emperature) °C Value	Experimental value P-chloro-1-methylethyl) 2-chloropro Value determination Experimental value Value determination Experimental value Value determination Experimental value
Method eaction mass of tris ster and phosphori BCF fishes Parameter BCF Log Kow Method EU Method A.8 nclusion ontains bioaccumu d.4. Mobility in a lkanes, C14-17, chlo (log) Koc	c acid, 2-chl Method OECD 3 lative comp soil	opyl) phospi loro-1-meth d 05 Remark	ylethyl bis(2-chloropi Value	5.47 - 8.01 > 5 -1-methylethyl) ester Duration t 6 week(s) Value 2.68	phosphate and ph	osphoric acid, bis(2 rpio emperature) °C	Experimental value P-chloro-1-methylethyl) 2-chloropro Value determination Experimental value Value determination Experimental value
Method Eaction mass of tris ster and phosphori BCF fishes Parameter BCF Log Kow Method EU Method A.8 nclusion ontains bioaccumu A.4. Mobility in Ikanes, C14-17, chlo (log) Koc Parameter	c acid, 2-chl Method OECD 3 lative comp soil	opyl) phospi loro-1-meth d 05 Remark	ylethyl bis(2-chloropi Value	5.47 - 8.01 > 5 -1-methylethyl) ester Duration t 6 week(s) Value 2.68	phosphate and ph	osphoric acid, bis(2 irpio emperature) °C Value	Experimental value P-chloro-1-methylethyl) 2-chloropro Value determination Experimental value Value determination Experimental value Value determination Experimental value
Method Eaction mass of tris ster and phosphori BCF fishes Parameter BCF Log Kow Method EU Method A.8 nclusion ontains bioaccumu A.4. Mobility in Ikanes, C14-17, chlo (log) Koc Parameter	c acid, 2-chl Method OECD 3 lative comp soil	opyl) phospi loro-1-meth d 05 Remark	ylethyl bis(2-chloropi Value	5.47 - 8.01 > 5 -1-methylethyl) ester Duration t 6 week(s) Value 2.68	phosphate and ph	osphoric acid, bis(2 irpio emperature) °C Value	Experimental value P-chloro-1-methylethyl) 2-chloropro Value determination Experimental value Value determination Experimental value Value determination Experimental value
Method Eaction mass of tris ster and phosphori BCF fishes Parameter BCF Log Kow Method EU Method A.8 nclusion ontains bioaccumu A.4. Mobility in Ikanes, C14-17, chlo (log) Koc Parameter	c acid, 2-chl Method OECD 3 lative comp soil	opyl) phospi loro-1-meth d 05 Remark	ylethyl bis(2-chloropi Value	5.47 - 8.01 > 5 -1-methylethyl) ester Duration t 6 week(s) Value 2.68	phosphate and ph	osphoric acid, bis(2 irpio emperature) °C Value	Experimental value C-chloro-1-methylethyl) 2-chloropro Value determination Experimental value Value determination Experimental value Value determination Experimental value

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

(log) Koc									
Parameter	Parameter						Value		Value determination
log Koc				EU Meth	od C.19		2.76		Experimental value
Percent distributio	on								
Method	Fraction air	Fraction biota	Fraction		Fraction soil	Fraction	water Va	lue determi	ination
			sedimen	t					
Mackay level I	0.01 %	0 %	3.55 %		3.52 %	92.89 %	Re	ad-across	

Conclusion

Contains component(s) that adsorb(s) into the soil

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

12.5. Results of PBT and vPvB assessment

Does not contain component(s) that meet(s) the criteria of PBT and/or vPvB as listed in Annex XIII of Regulation (EC) No 1907/2006.

12.6. Other adverse effects

SOUDAFOAM GAP FILLER GUN GRADE

Fluorinated greenhouse gases (Regulation (EU) No 517/2014)

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)

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

Road (ADR)		
14.1. UN number		
UN number	1950	
14.2. UN proper shipping name		
Proper shipping name	Aerosols	
14.3. Transport hazard class(es)		
Hazard identification number		
Class	2	
Classification code	5F	
14.4. Packing group		
Packing group		
Labels	2.1	
14.5. Environmental hazards		
Environmentally hazardo <mark>us substance mark</mark>	no	
14.6. Special precautions for user		
Special provisions	190	
Special provisions	327	
son for revision: 3	Publication date: 2002-03-23	
	Date of revision: 2017-08-23	
sion number: 0505	Product number: 51803	14/19

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)
il (RID) 14.1. UN number	
· · · · · · · · · · · · · · · · · · ·	1050
UN number	1950
14.2. UN proper shipping name	
Proper shipping name	Aerosols
14.3. Transport hazard class(es)	
Hazard identification num <mark>ber</mark>	23
Class	2
Classification code	5F
14.4. Packing group	
Packing group	
Labels	2.1
14.5. Environmental hazards	
Environmentally hazardous substance mark	no
14.6. Special precautions for user	
Special provisions	190
Special provisions	327
Special provisions	344
Special provisions 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)
land 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
14.5. Environmental hazards	
Environmentally hazardo <mark>us substance mark</mark>	no
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)
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
14.6. Special precautions for user	
Special prevations for user	63
n for revision: 3	Publication date: 2002-03-23 Date of revision: 2017-08-23

Special provisions	190
Special provisions	277
Special provisions	327
Special provisions	344
Special provisions	381
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 the IBC Co	ode
Annex II of MARPOL 73/7 <mark>8</mark>	Not applicable
r (ICAO-TI/IATA-DGR)	
14.1. UN number	
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	
Environmentally hazardo <mark>us substance mark</mark>	no
14.6. Special precautions for user	
Special provisions	A145
Special provisions	A167
Special provisions	A802
Limited quantities: maximum net quantity per packaging	30 kg G

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		Remark
18.4 % - 24.06 %		
175 g/l - 228.6 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 substances or of the mixture	group of	Conditions of restriction
 polymethylene polyphenyl isocyanate alkanes, C14-17, chloro 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 	for any of the following hazard class - categories set out in Annex I to Regu No 1272/2008: (a) hazard classes 2.1 to 2.4, 2.6 and types A and B, 2.9, 2.10, 2.12, 2.13 c and 2, 2.14 categories 1 and 2, 2.15 F;	te with g the criteria es or ulation (EC) 2.7, 2.8 ategories 1 types A to erse effects	 Shall not be used in: ornamental articles intended to produce light or colour effects by means of different aphases, 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 ornamental aspects, Articles not complying with paragraph 1 shall not be placed on the market. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they: can be used as fuel in decorative oil lamps for supply to the general public, and,
leason for revision: 3			Publication date: 2002-03-23 Date of revision: 2017-08-23
levision number: 0505			Product number: 51803 16 / 19

olumethyloge activities at the set	Mothulas adinham dell'assessor	to prepare a dossier, in accordance with Article 69 of the present Regulation with a view ban, if appropriate, grill lighter fluids and fuel for decorative lamps, labelled R65 or H304, intended for supply to the general public. 7. Natural or legal persons placing on the market for the first time lamp oils and grill light fluids, labelled with R65 or H304, shall by 1 December 2011, and annually thereafter, pro data on alternatives to lamp oils and grill lighter fluids labelled R65 or H304 to the compe authority in the Member State concerned. Member States shall make those data availab the Commission. ⁴
olymethylene polyphenyl isocyanat	te Methylenediphenyl diisocyanate (including the following specific iso Methylenediphenyl diisocyanate; Methylenediphenyl diisocyanate; Methylenediphenyl diisocyanate	mers: 4,4'- concentrations equal to or greater than 0,1 % by weight of MDI for supply to the general 2,4'- public, unless suppliers shall ensure before the placing on the market that the packaging:
National legislation Belgium		
SOUDAFOAM GAP FILLER	GUN GRADE	
No data available		
National legislation The Neth	<u>nerlands</u>	
SOUDAFOAM GAP FILLER		
Waterbezwaarlijkheid	Z (2)	
National legislation France		
SOUDAFOAM GAP FILLER	GUN GRADE	
No data available		
polymethylene polypheny		(1)
Catégorie cancérogène	4,4'-Diisocyanate de diphényl	méthane; C2
National legislation Germany	Ł	
SOUDAFOAM GAP FILLER	GUN GRADE	
WGK	2; Classification water pollutin	g based on the components in compliance with Verwaltungsvorschrift wassergefährdend
	Stoffe (VwVwS) of 27 July 200	
polymethylene polypheny	Stoffe (VwVwS) of 27 July 200 <u>yl isocyanate</u>	
TA-Luft	Stoffe (VwVwS) of 27 July 200 <u>yl isocyanate</u> 5.2.5; I	5 (Anhang 4)
TA-Luft TRGS900 - Risiko der	Stoffe (VwVwS) of 27 July 200 <u>vl isocvanate</u> 5.2.5; l 4,4'-Methylendiphenyldiisocy	5 (Anhang 4) anat; Y; Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes u
TA-Luft	Stoffe (VwVwS) of 27 July 200 <u>vl isocvanate</u> 5.2.5; l 4,4'-Methylendiphenyldiisocy des biologischen Grenzwertes	5 (Anhang 4) anat; Y; Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes u s nicht befürchtet zu werden
TA-Luft TRGS900 - Risiko der	Stoffe (VwVwS) of 27 July 200 <u>vl isocvanate</u> 5.2.5; l 4,4'-Methylendiphenyldiisocy des biologischen Grenzwertes	5 (Anhang 4) anat; Y; Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes u s nicht befürchtet zu werden Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des
TA-Luft TRGS900 - Risiko der	Stoffe (VwVwS) of 27 July 200 <u>vl isocvanate</u> 5.2.5; I 4,4'-Methylendiphenyldiisocy des biologischen Grenzwertes pMDI (als MDI berechnet); Y; biologischen Grenzwertes nich	5 (Anhang 4) anat; Y; Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes us nicht befürchtet zu werden Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des
TA-Luft TRGS900 - Risiko der Fruchtschädigung	Stoffe (VwVwS) of 27 July 200 <u>vl isocvanate</u> 5.2.5; I 4,4'-Methylendiphenyldiisocy des biologischen Grenzwertes pMDI (als MDI berechnet); Y; biologischen Grenzwertes nicl 4,4'-Methylendiphenyldiisocy Zielorganen Allergien auslöser	5 (Anhang 4) anat; Y; Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes u s nicht befürchtet zu werden Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des ht befürchtet zu werden anat; Sah; Atemwegssensibilisierende Stoffe Und Hautsensibilisierende Stoffe, an beiden nde
TA-Luft TRGS900 - Risiko der Fruchtschädigung Sensibilisierende Stoffe	Stoffe (VwVwS) of 27 July 200 <u>vl isocyanate</u> 5.2.5; I 4,4'-Methylendiphenyldiisocy des biologischen Grenzwertes pMDI (als MDI berechnet); Y; biologischen Grenzwertes nicl 4,4'-Methylendiphenyldiisocy Zielorganen Allergien auslöser pMDI (als MDI berechnet); Sa	5 (Anhang 4) anat; Y; Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes u s nicht befürchtet zu werden Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des ht befürchtet zu werden anat; Sah; Atemwegssensibilisierende Stoffe Und Hautsensibilisierende Stoffe, an beiden nde ; Atemwegssensibilisierende Stoffe
TA-Luft TRGS900 - Risiko der Fruchtschädigung Sensibilisierende Stoffe TRGS905 - Krebserzeug	Stoffe (VwVwS) of 27 July 200 <u>vl isocyanate</u> 5.2.5; I 4,4'-Methylendiphenyldiisocy des biologischen Grenzwertes pMDI (als MDI berechnet); Y; biologischen Grenzwertes nicl 4,4'-Methylendiphenyldiisocy Zielorganen Allergien auslöser pMDI (als MDI berechnet); Sa end Techn. ("Polymeres") MDI (pM	5 (Anhang 4) anat; Y; Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes u s nicht befürchtet zu werden Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des ht befürchtet zu werden anat; Sah; Atemwegssensibilisierende Stoffe Und Hautsensibilisierende Stoffe, an beiden nde ; Atemwegssensibilisierende Stoffe MDI) (in Form atembarer Aerosole, A-Fraktion); 2
TA-Luft TRGS900 - Risiko der Fruchtschädigung Sensibilisierende Stoffe TRGS905 - Krebserzeug TRGS905 - Erbgutveränd	Stoffe (VwVwS) of 27 July 200 vl isocyanate 5.2.5; I 4,4'-Methylendiphenyldiisocy des biologischen Grenzwertes pMDI (als MDI berechnet); Y; biologischen Grenzwertes nicl 4,4'-Methylendiphenyldiisocy zielorganen Allergien auslöser pMDI (als MDI berechnet); Sa end Techn. ("Polymeres") MDI (pN	 5 (Anhang 4) anat; Y; Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes us snicht befürchtet zu werden Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des ht befürchtet zu werden anat; Sah; Atemwegssensibilisierende Stoffe Und Hautsensibilisierende Stoffe, an beiden nde ; Atemwegssensibilisierende Stoffe MDI) (in Form atembarer Aerosole, A-Fraktion); 2 MDI) (in Form atembarer Aerosole, A-Fraktion); -
TA-Luft TRGS900 - Risiko der Fruchtschädigung Sensibilisierende Stoffe TRGS905 - Krebserzeug TRGS905 - Erbgutveränd TRGS905 -	Stoffe (VwVwS) of 27 July 200 <u>vl isocyanate</u> 5.2.5; I 4,4'-Methylendiphenyldiisocy des biologischen Grenzwertes pMDI (als MDI berechnet); Y; biologischen Grenzwertes nicl 4,4'-Methylendiphenyldiisocy Zielorganen Allergien auslöser pMDI (als MDI berechnet); Sa end Techn. ("Polymeres") MDI (pM dernd Techn. ("Polymeres") MDI (pM	5 (Anhang 4) anat; Y; Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes u s nicht befürchtet zu werden Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des ht befürchtet zu werden anat; Sah; Atemwegssensibilisierende Stoffe Und Hautsensibilisierende Stoffe, an beiden nde ; Atemwegssensibilisierende Stoffe MDI) (in Form atembarer Aerosole, A-Fraktion); 2
TA-Luft TRGS900 - Risiko der Fruchtschädigung Sensibilisierende Stoffe TRGS905 - Krebserzeug TRGS905 - Erbgutverän TRGS905 - Fruchtbarkeitsgefährde	Stoffe (VwVwS) of 27 July 200 <u>vl isocvanate</u> 5.2.5; I 4,4'-Methylendiphenyldiisocy des biologischen Grenzwertes pMDI (als MDI berechnet); Y; biologischen Grenzwertes nicl 4,4'-Methylendiphenyldiisocy zielorganen Allergien auslöser pMDI (als MDI berechnet); Sa end Techn. ("Polymeres") MDI (pM dernd Techn. ("Polymeres") MDI (pM	 5 (Anhang 4) anat; Y; Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes us snicht befürchtet zu werden Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des ht befürchtet zu werden anat; Sah; Atemwegssensibilisierende Stoffe Und Hautsensibilisierende Stoffe, an beiden nde ; Atemwegssensibilisierende Stoffe MDI) (in Form atembarer Aerosole, A-Fraktion); - MDI) (in Form atembarer Aerosole, A-Fraktion); -
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polymethylene polyphenyl is				
Skin Sensitisation	Isocyanates, all (as -NCO) Exce			
Respiratory sensitisation	Isocyanates, all (as -NCO) Exce	pt methyl isocyanate; Sen	_	
Other relevant data	JN GRADE			
No data available				
polymethylene polyphenyl is	socyanate 3; Polymethylene polyphenyl is			
IARC - classification	3; Polymethylene polyphenyl is	ocyanate		
alkanes, C14-17, chloro IARC - classification	2B; Chlorinated paraffins			
15.2. Chemical safety assess				
alkanes, C14-17, chloro A chemical safety assessmen	ent has been conducted for the mixt It has been performed.	ure.		
TION 16: Other info	ormation			
	ferred to under headings 2 and 3:			
H220 Extremely flammable				
H222 Extremely flammable				
H229 Pressurised container	": May burst if heated. "essure; may explode if heated.			
H302 Harmful if swallowed				
H315 Causes skin irritation.				
H317 May cause an allergic				
H319 Causes serious eye irr H332 Harmful if inhaled.	itation.			
	asthma symptoms or breathing diffi	culties if inhaled.		
H335 May cause respirator	y irritation.			
H351 Suspected of causing				
H362 May cause harm to b	reast-fed children. o organs through prolonged or repea	ated exposure if inhaled		
H400 Very toxic to aquatic		ated exposure in initialed.		
H410 Very toxic to aquatic	ife with long lasting effects.			
H413 May cause long lastin	g harmful effects to aquatic life.			
()	RNAL CLASSIFICATION BY BIG			
	ification, labelling and packaging (G	lobally Harmonised System	n Europe)	
	ved Minimal Effect Level			
	ved No Effect Level			
	t Concentration 50 %			
) in terms of reduction of growth rat	e		
	al Concentration 50 % al Dose 50 %			
	bserved Adverse Effect Level			
	Observed Effect Concentration			
	nisation for Economic Co-operation	and Development		
	stent, Bioaccumulative & Toxic	and Detelopment		
	icted No Effect Concentration			
	ge Treatment Process			
	Persistent & very Bioaccumulative			
M-factor alkanes, C14-17, chloro		100 Acute		BIG
alkanes, C14-17, chloro			ic (NRD)	BIG
Specific concentration limits CL				
polymethylene polyphen <mark>yl</mark> is	socyanate	C≥5%	Eye Irrit 2;H319	analogous to Anne
		C≥5%	Skin Irrit 2;H315	analogous to Anne
		C≥0.1%	Resp Sens 1;H334	analogous to Anne
		C≥5%	STOT SE 3;H335	analogous to Anne
son for revision: 3			Publication date: 2002-03-23 Date of revision: 2017-08-23	

alkanes, C14-17, chloro	1,0 % ≤ C ≤ 20 %	EUH066	FEICA Position Paper on the classification and labelling of One Component Foam (OCF) containing Mid Chained Chlorinated Paraffin (MCCP) March 7th 2014)
	1,0 % ≤ C ≤ 20 %	Lact. ; H362	FEICA Position Paper on the classification and labelling of One Component Foam (OCF) containing Mid Chained Chlorinated Paraffin (MCCP) March 7th 2014)
	0,25 % ≤ C ≤ 20 %	Aquatic Chron. 4;H413	FEICA Position Paper on the classification and labelling of One Component Foam (OCF) containing Mid Chained Chlorinated Paraffin (MCCP) March 7th 2014)

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties. This safety data sheets will take precedence. It is your obligation to verify and apply such local legislation. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement or when this is failing the general conditions of BIG. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult the mentioned agreement/conditions for details.

Reason for revision: 3

Publication date: 2002-03-23 Date of revision: 2017-08-23