AKEMI[®]

Printing date 17.03.2020	Version number 33	Revision: 17.03.2020
SECTION 1: Identificatio	n of the substance/mixture and of the company/undertaki	ng
• 1.1 Product identifier		
• <u>Trade name:</u>	Elastic Filler	
Article number: 1.2 Relevant identified us the substance or mixture uses advised against	e and No further relevant information available.	
<u>Application of the substant</u> <u>mixture</u>	<u>ce / the</u> Knife filler/ Surfacer Polyester resin	
 <u>1.3 Details of the supplie</u> <u>Manufacturer/Supplier</u>: 	er of the safety data sheet AKEMI chemisch technische Spezialfabrik GmbH Lechstrasse 28 D 90451 Nürnberg	Tel. +49(0)911-642960 Fax. +49(0)911-644456 e-mail info@akemi.de
Further information obtaination from: 1.4 Emergency telephone	Laboratory	
number:	Product Safety Department AKEMI chemisch technis Tel. +49(0)911-64296-59 Reachable during the following office hours: Monday – Thursday from 07:30 a.m. to 16:30 p.m. Friday from 07:30 a.m. to 13:30 p.m. +44 (171) 635 91 91 National Poison Inform. Centre Medical Toxicology Unit Avalonley Road London SE14 5ER	sche Spezialfabrik GmbH
SECTION 2: Hazards ide • <u>2.1 Classification of the s</u> • <u>Classification according to</u> GHS02 flame		
Flam. Liq. 3 H226	Flammable liquid and vapour.	
GHS08 health ha	azard	
Repr. 2 H361d STOT RE 2 H373	Suspected of damaging the unborn child. May cause damage to the hearing organs through prolonged	or repeated exposure.
GHS07		
Skin Irrit. 2H315Eye Irrit. 2H319Skin Sens. 1H317	Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction.	
Aquatic Chronic 3 H412 • <u>Response:</u>	Harmful to aquatic life with long lasting effects. IF ON SKIN (or hair): Take off immediately all conta with water [or shower]. IF IN EYES: Rinse cautiously with water for severa lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Immediately call a POISON CENT	al minutes. Remove contact

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 17.03.2020	Version number 33	Revision: 17.03.2020
Trade name: Elastic Filler		
· <u>Storage:</u>	Store in a well-ventilated place.	(Contd. of page 1) Keep cool.
 • 2.2 Label elements • Labelling according to Regulation (EC) No 1272/2008 • Hazard pictograms 	The product is classified and lab	elled according to the CLP regulation.
	GHS02 GHS07 GHS08	
 Signal word 	Warning	
 Hazard-determining components of labelling: 	styrene	
 <u>Hazard statements</u> 	exposure.	tion. In reaction. he unborn child. e hearing organs through prolonged or repeated
• <u>Precautionary statements</u>	at hand. P102 Keep out of re P103 Read label be P210 Keep away fr other ignition P260 Do not breath P273 Avoid release P280 Wear protecti P302+P352 IF ON SKIN: P305+P351+P338 IF IN EYES: Remove cont rinsing. P314 Get medical a P403+P235 Store in a we P501 Dispose of c	vice is needed, have product container or label each of children. efore use. om heat, hot surfaces, sparks, open flames and sources. No smoking.
· 2.3 Other hazards	During processing and product fume. Consequently, take care	hardening the network generator is released as e for adequate air conditioning and for fume
· Results of PBT and vPvB assessn	exhaustion on request.	
• <u>PBT:</u> • vPvB:	Not applicable. Not applicable.	

• 3.2 Chemical characterisation: Mixtures • Description: Mixture of substances listed below with nonhazardous additions. • Dangerous components: CAS: 100-42-5 CAS: 100-42-5 styrene EINECS: 202-851-5 Flam. Liq. 3, H226 Index number: 601-026-00-0 Repr. 2, H361d; STOT RE 1, H372; Asp. Tox. 1, H304 • Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 Aquatic Chronic 3, H412

(Contd. on page 3)

AKEMI[®]

<10%

GB

Printing date 17.03.2020

Version number 33

Revision: 17.03.2020

AKEMI[®]

GB

Trade name: Elastic Filler

		(Contd. of page 2)
CAS: 12001-26-2 EC number: 310-127-6	Mica substance with a Community workplace exposure limit	1-5%
CAS: 25013-15-4 EINECS: 246-562-2 Reg.nr.: 01-2119622074-50-0000	vinyltoluene Flam. Liq. 3, H226 Asp. Tox. 1, H304 Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	1-5%
CAS: 7779-90-0 EINECS: 231-944-3 Index number: 030-011-00-6 Reg.nr.: 01-2119485044-40-0000	trizinc bis(orthophosphate)	1-5%
CAS: 38668-48-3 EINECS: 254-075-1 Reg.nr.: 01-2119980937-17	1,1'-(p-tolylimino)dipropan-2-ol Acute Tox. 2, H300 Eye Irrit. 2, H319 Aquatic Chronic 3, H412	<1%
CAS: 108-31-6 EINECS: 203-571-6 Index number: 607-096-00-9 Reg.nr.: 01-2119472428-31	maleic anhydride Resp. Sens. 1, H334; STOT RE 1, H372 Skin Corr. 1B, H314; Eye Dam. 1, H318 Acute Tox. 4, H302; Skin Sens. 1A, H317	<1%
Additional information:	For the wording of the listed hazard phrases refer to section 16.	,

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· General information:	Take affected persons out into the fresh air.
	Position and transport stably in side position.
 After inhalation: 	Supply fresh air; consult doctor in case of complaints.
After skin contact:	If skin irritation continues, consult a doctor.
After eye contact:	Rinse opened eye for several minutes under running water.
After swallowing:	If symptoms persist consult doctor.
· 4.2 Most important symptoms	S S
and effects, both acute and	-
delayed	Breathing difficulty
	Headache
	Dizziness
	Dizziness
	Profuse sweating
	Nausea
 Information for doctor: 	Symptoms in intoxication with (aromatic) hydrocarbons (dosis letalis about 30 g) a) In acute intoxication: headache, dizziness, euphoria, gastro-intestinal dysfunction, state of excitement, coma. b) In chronic intoxication: myelotoxic damage, fatigue, dizziness, emaciation,
	cardiac palpitation after physical exercise, leucopenia, anemia, leukosis. Therapy in hydrocarbons intoxication: In case of inhalation provision of fresh air; in case of peroral intake administration of Carbo medicinalis; only after intubation conduct of gastrolavage in application of Carbo medicinalis; in case of cramps administration of Diazepam 20 mg intravenously.
	With reference to section 2 the formulation contains styrene in the indicated mass concentration range. Styrene fumes will preferably be incorporated by inhalation via respiratory tract, skin resorption is currently considered as an inferior way of incorporation. In case of inhalation styrene is absorbed in a 60-90% range. Distribution in organism occurs rapidly, the maximum blood concentration can be analyzed after one hour after incorporation. Styrene exposition affects skin, mucous membranes, and central nervous system (CNS). Acute damages / risks to health:
	In case of styrene poisoning mainly damages to and interactions with central nervous system (CNS) arise. In concentration ranges above 200 ml/m3 symptoms such as fatigue, nausea, imbalance and prolonged response times (Contd. on page 4)

AKEMI[®]

Printing date 17.03.2020

Version number 33

Revision: 17.03.2020

Trada nama, Electic Filler	
Trade name: Elastic Filler	
	(Contd. of page 3)
	are observed.
	Chronical health risks:
	Effects at central and peripheral nervous system and respiratory tract are
	evident in literature. Main health risks are:
	- prolonged response times
	- reduced cognitive performance, partial amnesia
	- retardation of nervous impulse transition speed
	- disturbances of pulmonary function
· <u>Hazards</u>	Danger of impaired breathing.
	Skin contact with polyester and epoxy resin solutions as ingredient of the
	product should be avoided due to risks of skin irritations or allergic skin
	appearances. If occasional hand contact can not be avoided, protection gloves, proper protection ointments and protective agents generating a protective layer
	on the skin were applied.
· 4.3 Indication of any immediate	· · · · · · · · · · · · · · · · · · ·
medical attention and special	
treatment needed	If swallowed, gastric irrigation with added, activated carbon.
SECTION 5: Firefighting measur	es
 5.1 Extinguishing media Suitable extinguishing agents: 	CO2 cand extinguishing pewder. Do not use water
For safety reasons unsuitable	CO2, sand, extinguishing powder. Do not use water.
extinguishing agents:	Water
<u></u>	Water with full jet
 <u>5.2 Special hazards arising from</u> 	
the substance or mixture	Formation of toxic gases is possible during heating or in case of fire.
	In case of fire, the following can be released:
	Carbon monoxide (CO) Nitrogen oxides (NOx)
	Hydrogen cyanide (HCN)
	Under certain fire conditions, traces of other toxic gases cannot be excluded.
 5.3 Advice for firefighters 	
Protective equipment:	Wear self-contained respiratory protective device.
	Do not inhale explosion gases or combustion gases.
 Additional information 	Wear fully protective suit. Dispose of fire debris and contaminated fire fighting water in accordance with
	official regulations.
	Collect contaminated fire fighting water separately. It must not enter the sewage
	system.
SECTION 6: Accidental release r	neasures
• 6.1 Personal precautions,	
protective equipment and emergency procedures	Ensure adequate ventilation
emergency procedures	Keep away from ignition sources.
	Use respiratory protective device against the effects of fumes/dust/aerosol.
	Wear protective equipment. Keep unprotected persons away.
 6.2 Environmental precautions: 	Do not allow product to reach sewage system or any water course.
	Inform respective authorities in case of seepage into water course or sewage
	system. Do not allow to enter sewers/ surface or ground water.
· 6.3 Methods and material for	Do not allow to enter sewers/ surface of ground water.
containment and cleaning up:	Dispose of the material collected according to regulations.
v _l_	(Contd. on page 5)

AKEMI®

nting date 17.03.2020	Version number 33	Revision: 17.03.20
ade name: Elastic Filler		
6.4 Reference to other sections	Absorb with liquid-binding material (sand, diator binders, sawdust). Ensure adequate ventilation. Do not flush with water or aqueous cleansing agent See Section 7 for information on safe handling. See Section 8 for information on personal protection See Section 13 for disposal information.	ts
SECTION 7: Handling and stora	ge	
7.1 Precautions for safe		
<u>handling</u>	Keep receptacles tightly sealed. Store in cool, dry place in tightly closed receptacles Keep away from heat and direct sunlight. Use only in well ventilated areas. Ensure good interior ventilation, especially at flo than air). Ensure good ventilation/exhaustion at the workplace	or level. (Fumes are heav
Information about fire - and explosion protection:	Keep ignition sources away - Do not smoke. Protect against electrostatic charges.	
7.2 Conditions for safe storage,	including any incompatibilities	
Storage: Requirements to be met by storerooms and receptacles: Information about storage in one common storage facility:	Store only in the original receptacle. Prevent any seepage into the ground. Store away from oxidising agents.	
Further information about storage conditions:	Store away from foodstuffs. Store receptacle in a well ventilated area. Keep container tightly sealed.	
Storage class: 7.3 Specific end use(s)	3 No further relevant information available.	
SECTION 8: Exposure controls/	personal protection	
Additional information about design of technical facilities:	No further data; see item 7.	
8.1 Control parameters		
	equire monitoring at the workplace:	
100-42-5 styrene		
WEL Short-term value: 1080 mg/r Long-term value: 430 mg/m		
12001-26-2 Mica		
WEL Long-term value: 10* 0.8** r *total inhalable **respirable	ng/m³	
-		
108-31-6 maleic anhydride		
108-31-6 maleic anhydride WEL Short-term value: 3 mg/m³ Long-term value: 1 mg/m³ Sen		

· DNELs

Oral

Oral Dermal

Oral

Dermal

Dermal

PNECs

Dermal

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 17.03.2020

Version number 33

Revision: 17.03.2020

AKEMI®

Trade name: Elastic Filler (Contd. of page 5) 100-42-5 styrene DNEL (Langzeit-wiederholt) 2.1 mg/kg bw/day (BEV) DNEL (Langzeit-wiederholt) 406 mg/kg bw/day (ARB) 343 mg/kg bw/day (BEV) Inhalative DNEL (Kurzzeit-akut) 289-306 mg/m³ Air (ARB) 174.25-182.75 mg/m³ Air (BEV) DNEL (Langzeit-wiederholt) 85 mg/m³ Air (ARB) 10.2 mg/m³ Air (BEV) 25013-15-4 vinyltoluene Inhalative DNEL (Langzeit-wiederholt) 37 mg/m³ Air (ARB) 7779-90-0 trizinc bis(orthophosphate) DNEL (Langzeit-wiederholt) 0.83 mg/kg bw/day (BEV) DNEL (Langzeit-wiederholt) 83 mg/kg bw/day (ARB) 83 mg/kg bw/day (BEV) Inhalative DNEL (Langzeit-wiederholt) 5 mg/m³ Air (ARB) 2.5 mg/m³ Air (BEV) 38668-48-3 1,1'-(p-tolylimino)dipropan-2-ol DNEL (Langzeit-wiederholt) 0.3 mg/kg bw/day (BEV) DNEL (Langzeit-wiederholt) 0.7 mg/kg bw/day (ARB) 0.3 mg/kg bw/day (BEV) Inhalative DNEL (Langzeit-wiederholt) 2.47 mg/m³ Air (ARB) 0.4 mg/m³ Air (BEV) 108-31-6 maleic anhydride 0.04 mg/kg bw/day (ARB) DNEL (Kurzzeit-akut) DNEL (Langzeit-wiederholt) 0.04 mg/kg bw/day (ARB) Inhalative DNEL (Kurzzeit-akut) 0.8 mg/m³ Air (ARB) DNEL (Langzeit-wiederholt) 0.4 mg/m³ Air (ARB) 100-42-5 styrene PNEC (wässrig) 5 mg/l (KA) 0.014 mg/l (MW) 0.028 mg/l (SW) 0.04 mg/l (WAS) 0.2 mg/kg Trockengew (BO) PNEC (fest) 0.307 mg/kg Trockengew (MWS) 0.614 mg/kg Trockengew (SWS) 25013-15-4 vinyltoluene

PNEC (wassrig)	1 mg/l (KA)
	0.002 mg/l (MW)
	0.0498 mg/l (SW)
PNEC (fest)	0.133 mg/kg Trockengew (BO)
	0.0684 mg/kg Trockengew (MWS)
	0.684 mg/kg Trockengew (SWS)
38668-48-3 1,1'-	(p-tolylimino)dipropan-2-ol
PNEC (wässrig)	199.5 mg/l (KA)

(Contd. on page 7)

GB

Printing date 17.03.2020

Version number 33

Revision: 17.03.2020

AKEMI®

	.0017 mg/l (MW)
0.	.017 mg/l (SW)
0.	.17 mg/l (WAS)
PNEC (fest) 0.	.005 mg/kg Trockengew (BO)
0.	.00782 mg/kg Trockengew (MWS)
	.0782 mg/kg Trockengew (SWS)
108-31-6 maleic a	
PNEC (wässrig) 4	-
0.	.00446 mg/l (MW)
	.0446 mg/l (SW)
	.4281 mg/l (WAS)
	.0415 mg/kg Trockengew (BO)
	.0334 mg/kg Trockengew (MWS)
	.334 mg/kg Trockengew (SWS)
Additional informat	
· 8.2 Exposure con	
Personal protective	
General protective	
measures:	Do not eat, drink, smoke or sniff while working.
	Apply solvent resistant skin cream before starting work.
	Use skin protection cream for skin protection. Wash hands before breaks and at the end of work.
	Do not inhale gases / fumes / aerosols.
 Respiratory protect 	tion: Short term filter device:
	Filter AX
 Protection of hands 	After use of gloves apply skin-cleaning agents and skin cosmetics. The glove material has to be impermeable and resistant to the product/ the
	substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of
	diffusion and the degradation Skin protection agent recommendation for preventive skin shelter without use of
	protective gloves: ARRETIL (http://www.stoko.com)
	Skin protection agent recommendation for preventive skin shelter in application and combination of protective gloves:
	STOKO EMULSION (http://www.stoko.com)
	Skin protection recommendation for skin cleaning after product handling: Kresto Classic (http://debstoko.com)
	Kresto Classic (http://debstoko.com) Skin protection agent recommendation for skin aftercare:
	STOKO VITAN (http://www.stoko.com)
	The protection gloves to be used have to comply with the specifications of the directive 89/686/EC and the directive derived decree EN374, respectively, e.g. the above listed protection glove type. The mentioned permeation times data
	were generated and verified with material samples of the recommended protection glove type in the scope of laboratory anylyses of the company KCL GmbH in compliance with EN374.
	This recommendation refers exclusively to the material safety data sheet referenced product delivered by Akemi and the indicated field of application. In
	case of product dilution or in case of mixture with different substances or chemicals, and in condition of EN374 deviation the producer of CE-approved protection gloves must be contacted for detailed information (e.g., KCL GmbH, (Contd. on page 8)

Printing date 17.03.2020	Version number 33	Revision: 17.03.2020
Trade name: Elastic Filler		
Material of gloves	Germany, 36124 Eichenzell, internet: http://www.l Fluorocarbon rubber (Viton)	(Contd. of page 7) kcl.de).
<u></u>	The selection of the suitable gloves does not on also on further marks of quality and varies from As the product is a preparation of several sub-	manufacturer to manufacturer. stances, the resistance of the
	glove material can not be calculated in advance a prior to the application.	and has therefore to be checked
 Penetration time of glove material 	Value for the permeation: Level \leq 6, 480 min The exact break trough time has to be found of protective gloves and has to be observed.	out by the manufacturer of the
 For the permanent contact gloves made of the following materials are 		
suitable:	Fluorocarbon rubber (Viton) Vitoject (KCL, Art_No. 890)	
 As protection from splashes gloves made of the following materials are 		
suitable:	Fluorocarbon rubber (Viton)	
	Nitrile rubber, NBR Camatril (KCL, 730, 731, 732, 733)	
 Not suitable are gloves made of the following materials: 	Chleroprope rubber CD	
the following materials.	Chloroprene rubber, CR Leather gloves	
Eye protection:	Strong material gloves	
	Tightly sealed goggles	
Body protection:	Protective work clothing	
SECTION 9: Physical and chemic	cal properties	
• 9.1 Information on basic physica	I and chemical properties	
General Information Appearance:		
Form:	Structurally viscous	
<u>Colour:</u> · Odour:	Grey Characteristic	
· pH-value:	Not applicable	
Change in condition		

· <u>pri-value.</u>	Not applicable
<u>Change in condition</u> <u>Melting point/freezing point:</u> Initial boiling point and boiling range	Undetermined. <u>:</u> 145 °C
· Flash point:	32 °C
Ignition temperature:	480 °C
<u>Auto-ignition temperature:</u>	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
• Explosion limits: Lower: Upper:	1.2 Vol % 8.9 Vol %
 Vapour pressure at 20 °C: 	6 hPa
· Density at 20 °C:	1.99 g/cm ³
	(Contd. on page 9)



Printing date 17.03.2020

Version number 33

Revision: 17.03.2020

AKEMI®

rade name:	Elastic Fil	ler			
				(Contd. of page	
Solubility in / Miscibility with water:		ity with	Not miscible or difficult to mix.		
• <u>Viscosity:</u> <u>Dynamic:</u> Kinematic:			Not determined. Not determined.		
 Solvent co Organic 	ontent: solvents:		11.3 %		
Solids co • 9.2 Other		on	87.4 % No further relevant information available.		
SECTION	10: Stabil	ity and reacti	vity		
· <u>10.1 Reac</u> · <u>10.2 Cher</u>	nical stabi		No further relevant information available.		
· 10.3 Poss	to be avoid sibility of h	ded:	No decomposition if used and stored according to spe	cifications.	
<u>10.4 Conditions to avoid</u> 10.5 Incompatible materials:			Exothermic polymerisation. Reacts with peroxides and other radical forming subst Reacts with strong alkali. Reacts with strong acids.	ances.	
			Reacts with strong oxidising agents. No further relevant information available. No further relevant information available.		
· 10.5 INCO	• 10.6 Hazardous decomposition products:				
· 10.6 Haza	irdous dec		No dangerous decomposition products known.		
• 10.6 Haza products: SECTION	11: Toxico	omposition	No dangerous decomposition products known. mation		
• 10.6 Haza products: SECTION	11: Toxico mation on	omposition	No dangerous decomposition products known. mation	not met.	
 10.6 Haza products: SECTION 11.1 Infor Acute toxi 	11: Toxico mation on	omposition	No dangerous decomposition products known. mation <u>I effects</u> Based on available data, the classification criteria are	not met.	
 10.6 Haza products: SECTION 11.1 Infor Acute toxi LD/LC50 v 	11: Toxico mation on city values relev	omposition ological infor toxicologica	No dangerous decomposition products known. mation <u>I effects</u> Based on available data, the classification criteria are	not met.	
 10.6 Haza products: SECTION 11.1 Infor Acute toxi LD/LC50 v 	11: Toxico mation on city values relev	omposition ological infor toxicological vant for classif v Estimates)	No dangerous decomposition products known. mation <u>I effects</u> Based on available data, the classification criteria are	not met.	
 10.6 Haza products: SECTION 11.1 Infor Acute toxi LD/LC50 \ ATE (Acute Oral 	11: Toxico mation on city values relev te Toxicity	omposition ological infor toxicological vant for classif v Estimates)	No dangerous decomposition products known. mation I effects Based on available data, the classification criteria are fication:	not met.	
 10.6 Haza products: SECTION 11.1 Infor Acute toxi LD/LC50 \ ATE (Acute Oral 	11: Toxico 11: Toxico mation on city values relev values relev te Toxicity LD50 LC50/4 h	omposition ological infor toxicologica vant for classif Estimates) >8,455-<67,6	No dangerous decomposition products known. mation I effects Based on available data, the classification criteria are fication:	not met.	
 10.6 Haza products: SECTION 11.1 Infor Acute toxi LD/LC50 v ATE (Acu Oral Inhalative 	11: Toxico 11: Toxico mation on city values relev values relev te Toxicity LD50 LC50/4 h	omposition ological infor toxicologica vant for classif Estimates) >8,455-<67,6	No dangerous decomposition products known. mation <u>I effects</u> Based on available data, the classification criteria are <u>fication:</u> 636 mg/kg (rat)	not met.	
 10.6 Haza products: SECTION 11.1 Infor Acute toxi LD/LC50 V ATE (Acu Oral Inhalative 100-42-5 s 	11: Toxico mation on city values relev te Toxicity LD50 LC50/4 h	omposition ological infor toxicological vant for classif Estimates) >8,455-<67,6 >83.6 mg/l	No dangerous decomposition products known. mation <u>I effects</u> Based on available data, the classification criteria are <u>fication:</u> 636 mg/kg (rat)	not met.	
 10.6 Haza products: SECTION 11.1 Infor Acute toxi LD/LC50 v ATE (Acu Oral Inhalative 100-42-5 s Oral 	11: Toxico 11: Toxico mation on city values relev te Toxicity LD50 LC50/4 h styrene LD50 LD50 LD50	omposition ological infor toxicological vant for classif Estimates) >8,455-<67,6 >83.6 mg/l	No dangerous decomposition products known. mation I effects Based on available data, the classification criteria are fication: 636 mg/kg (rat) g (rat) g (rat) (OECD-Prüfrichtlinie 402)	not met.	
 10.6 Haza products: SECTION 11.1 Infor Acute toxi LD/LC50 v ATE (Acu Oral Inhalative 100-42-5 s Oral Dermal 	11: Toxico 11: Toxico mation on city values relev te Toxicity LD50 LC50/4 h styrene LD50 LD50 LD50	omposition ological infor toxicological vant for classif (Estimates) >8,455-<67,6 >83.6 mg/l >2,000 mg/kg >2,000 mg/kg	No dangerous decomposition products known. mation <u>I effects</u> Based on available data, the classification criteria are fication: 636 mg/kg (rat) g (rat) g (rat) (OECD-Prüfrichtlinie 402) mouse)	not met.	
 10.6 Haza products: SECTION 11.1 Infor Acute toxi LD/LC50 v ATE (Acu Oral Inhalative 100-42-5 s Oral Dermal 	11: Toxico 11: Toxico mation on city values relev te Toxicity LD50 LC50/4 h styrene LD50 LD50 LD50 LD50 LD50 LD50 LD50	omposition ological infor toxicological vant for classif v Estimates) >8,455-<67,6 >83.6 mg/l >2,000 mg/kg 9.2,000 mg/kg 9.5 mg/m3 (r	No dangerous decomposition products known. mation I effects Based on available data, the classification criteria are fication: 536 mg/kg (rat) g (rat) g (rat) (OECD-Prüfrichtlinie 402) mouse) t)	not met.	
 10.6 Haza products: SECTION 11.1 Infor Acute toxi LD/LC50 v ATE (Acu Oral Inhalative 100-42-5 s Oral Dermal 	11: Toxico 11: Toxico mation on city values relev te Toxicity LD50 LC50/4 h Styrene LD50 LC50/4h LC50/4h LC50/4 h NOAEC	omposition ological infor toxicological /ant for classif / Estimates) >8,455-<67,6 >83.6 mg/l >2,000 mg/kg 9.5 mg/m3 (r 11.8 mg/l (rat	No dangerous decomposition products known. mation I effects Based on available data, the classification criteria are fication: 536 mg/kg (rat) g (rat) g (rat) (OECD-Prüfrichtlinie 402) mouse) t)	not met.	
 10.6 Haza products: SECTION 11.1 Infor Acute toxi LD/LC50 v ATE (Acu Oral Inhalative 100-42-5 s Oral Dermal Inhalative 12001-26- 	11: Toxico 11: Toxico mation on city values relev te Toxicity LD50 LC50/4 h Styrene LD50 LC50/4h LC50/4h LC50/4 h NOAEC	omposition ological infor toxicological /ant for classif / Estimates) >8,455-<67,6 >83.6 mg/l >2,000 mg/kg 9.5 mg/m3 (r 11.8 mg/l (rat	No dangerous decomposition products known. mation <u>I effects</u> Based on available data, the classification criteria are fication: 636 mg/kg (rat) g (rat) g (rat) (OECD-Prüfrichtlinie 402) mouse) t) t)	not met.	
 10.6 Haza products: SECTION 11.1 Infor Acute toxi LD/LC50 V ATE (Acu Oral Inhalative 100-42-5 s Oral Dermal Inhalative 12001-26- Inhalative 	11: Toxico mation on city values relev te Toxicity LD50 LC50/4 h Styrene LD50 LC50/4 h LC50/4 h LC50/4 h NOAEC -2 Mica	omposition ological infor toxicological vant for classif vEstimates) >8,455-<67,6 >83.6 mg/l >2,000 mg/kg 9.5 mg/m3 (r 11.8 mg/l (rai 4.34 mg/l (rai	No dangerous decomposition products known. mation <u>I effects</u> Based on available data, the classification criteria are fication: 636 mg/kg (rat) g (rat) g (rat) (OECD-Prüfrichtlinie 402) mouse) t) t)	not met.	
 10.6 Haza products: SECTION 11.1 Infor Acute toxi LD/LC50 V ATE (Acu Oral Inhalative 100-42-5 s Oral Dermal Inhalative 12001-26- Inhalative 	11: Toxico mation on city values relev te Toxicity LD50 LC50/4 h LD50 LC50/4 h LC50/4 h NOAEC -2 Mica LC50/4 h	omposition ological infor toxicological vant for classif vEstimates) >8,455-<67,6 >83.6 mg/l >2,000 mg/kg 9.5 mg/m3 (r 11.8 mg/l (rai 4.34 mg/l (rai	No dangerous decomposition products known. mation I effects Based on available data, the classification criteria are fication: 636 mg/kg (rat) g (rat) g (rat) (OECD-Prüfrichtlinie 402) mouse) t) t) t)	not met.	
 10.6 Haza products: SECTION 11.1 Infor Acute toxi LD/LC50 v ATE (Acu Oral Inhalative 100-42-5 s Oral Dermal Inhalative 12001-26- Inhalative 25013-15- 	11: Toxico mation on city values relev te Toxicity LD50 LC50/4 h LD50 LD50 LC50/4 h LC50/4 h NOAEC •2 Mica LC50/4 h	omposition ological inform toxicological vant for classif vant for classif vEstimates) >8,455-<67,6	No dangerous decomposition products known. mation <u>I effects</u> Based on available data, the classification criteria are fication: 636 mg/kg (rat) g (rat) g (rat) (OECD-Prüfrichtlinie 402) mouse) t) t) (rat)	not met.	
 10.6 Haza products: SECTION 11.1 Infor Acute toxi LD/LC50 v ATE (Acu Oral Inhalative 100-42-5 s Oral Dermal Inhalative 12001-26- Inhalative 25013-15- 	11: Toxico mation on city values relev te Toxicity LD50 LC50/4 h LC50/4 h LC50/4 h NOAEC -2 Mica LC50/4 h NOAEC -2 Mica	omposition ological information toxicological vant for classif vant for classif vEstimates) >8,455-<67,6	No dangerous decomposition products known. mation I effects Based on available data, the classification criteria are fication: 636 mg/kg (rat) g (rat) g (rat) (OECD-Prüfrichtlinie 402) mouse) t) t) (rat) (rat) at)	not met.	
 10.6 Haza products: SECTION 11.1 Infor Acute toxi LD/LC50 v ATE (Acu Oral Inhalative 100-42-5 s Oral Dermal Inhalative 12001-26- Inhalative 25013-15- Oral Dermal 	11: Toxico mation on city values relev te Toxicity LD50 LC50/4 h LD50 LC50/4 h LC50/4 h NOAEC -2 Mica LC50/4 h NOAEC -2 Mica LC50/4 h NOAEL LD50 NOAEL LD50	omposition ological inform toxicological vant for classif vant for classif vEstimates) >8,455-<67,6	No dangerous decomposition products known. mation I effects Based on available data, the classification criteria are fication: 636 mg/kg (rat) g (rat) g (rat) (OECD-Prüfrichtlinie 402) mouse) t) t) (rat) at) (rat) at) (rabbit)	not met.	
 10.6 Haza products: SECTION 11.1 Infor Acute toxi LD/LC50 V ATE (Acu Oral Inhalative 100-42-5 S Oral Dermal Inhalative 12001-26- Inhalative 25013-15- Oral 	11: Toxico mation on city values relev te Toxicity LD50 LC50/4 h LD50 LC50/4 h LC50/4 h NOAEC -2 Mica LC50/4 h NOAEC -2 Mica LC50/4 h NOAEL LD50 NOAEL LD50	omposition ological information toxicological vant for classif vant for classif vEstimates) >8,455-<67,6	No dangerous decomposition products known. mation I effects Based on available data, the classification criteria are fication: 636 mg/kg (rat) 636 mg/kg (rat) g (rat) g (rat) (OECD-Prüfrichtlinie 402) mouse) t) t) t) (rat) at) (rat) at) (rabbit) n3 (rat)	not met.	

Printing date 17.03.2020

Trade name: Elastic Filler

Version number 33

Revision: 17.03.2020

AKEMI[®]

			(Contd. of page s	
7779-90-0	trizinc bis	s(orthophos		
Oral	LD50	>5,000 mg/kg (rat)		
Inhalative	LC50/4 h	>5.7 mg/l (rat)		
38668-48-	3 1,1'-(p-to	olylimino)di	propan-2-ol	
Oral	LD50		ng/kg (rat) (OECD 423)	
Dermal	LD50	>2,000 mg/	kg (rabbit) (OECD 402)	
108-31-6 ו	naleic anh			
Oral	LD50	•) mg/kg (rabbit)	
		400-480 mg		
Dermal	LD50	2,620 mg/kg		
Inhalative		>4.35 mg/l		
innalativo		-		
Primany in	itant effect			
	sion/irritatio		Causes skin irritation.	
	/e damage/		Causes serious eye irritation.	
		ensitisation	May cause an allergic skin reaction.	
	e with hum		After incorporation and inhalation styrene predominantly will be metabolized	
			the organism to mandelic and phenylglyoxylic acid and matabolites will pas	
			through urine excretion.	
	etics, metal	polism and		
distribution	<u>1</u>		After incorporation and inhalation styrene predominantly will be metabolized	
			the organism to mandelic and phenylglyoxylic acid and metabolites will pas through urine excretion.	
Acute effe	cts (acute t	toxicity		
	nd corrosiv		Styrene:	
		<u> </u>	Artificial special nutrition in rat population, acute LD50 value, oral: 5000 mg/kg.	
			Inhalation, rat population, acute LC50 value (4h): 24 mg/l.	
	cts (carcino			
	ity and toxi	icity for		
reproducti	on)		Styrene	
			Tests for chromosome divergence:	
			Mouse micro-nucleus test: mutagen Styrene:	
			Tests for DNA effects:	
			- exchange of chromatides: mutagen	
			- DNA chain fragmentation: mutagen	
· Germ cell mutagenicity		itv	Based on available data, the classification criteria are not met.	
Carcinogenicity			Based on available data, the classification criteria are not met.	
Reproduct	tive toxicity		Suspected of damaging the unborn child.	
STOT-sing	gle exposu	re	Based on available data, the classification criteria are not met.	
STOT-rep	eated expo	sure	May cause damage to the hearing organs through prolonged or repeate	
Aspiration	h		exposure. Based on available data, the classification criteria are not met.	

SECTION 12: Ecological information

•	12.1	То	xi	city	y	

 Aquatic toxic 	<u>sity:</u>
100-42-5 sty	/rene
EC50/96h	6.3 mg/l (Pseudokirchneriella subcapitata)
EC50	500 mg/l (BES) (ISO Vorschrift 8192-1986 E)
	5.5 mg/l (Photobac. phosphoreum)
	(Contd. on page 11)

GB

Printing date 17.03.2020

Version number 33

Revision: 17.03.2020

AKEMI[®]

Trade name: Elastic Filler				
		(Contd. of page 10)		
IC50/72h	4.9 mg/l (green alge)			
	1.4 mg/l (selenastrum capricornutum)			
IC5/8d	>200 mg/l (Scenedesmus quadricauda)			
EC10/16h	72 mg/l (pseudomonas putida)			
EC50/16h	>72 mg/l (pseudomonas putida)			
EC50/8d	>200 mg/l (Scenedesmus quadricauda)			
EC50/72u	>1-<10 mg/l (green alge)			
EC20/0.5h	140 mg/l (BES) (OECD 209)			
NOEC/21d	1.01 mg/l (daphnia magna)			
EC10	0.28 mg/l (Pseudokirchneriella subcapitata) (EPA OTS 797.1050)			
EC50/48h	0.56 mg/l (green alge)			
	3.3-7.4 mg/l (daphnia magna)			
EC50/72h	0.46-4.3 mg/l (Pseudokirchneriella subcapitata)			
LC50/96h	>1-<10 mg/l (piscis)			
2000,0011	19.03-33.53 mg/l (lem)			
	3.24-4.99 mg/l (pimephales promelas)			
	6.75-14.5 mg/l (Pimephales promelas)			
	58.75-95.32 mg/l (poecilia reticulata)			
LC50/72h	4.9 mg/l (green alge)			
	vinyltoluene			
EC50	2.6 mg/l (Bluegill.)			
EC50/48h	1.3 mg/l (daphnia magna)			
	1.6 mg/l (green alge)			
NOEC/21d	0.498 mg/l (daphnia magna)			
	0.563 mg/l (piscis)			
EC50/72h	5.2 mg/l (Fathead minnow)			
	2.6 mg/l (selenastrum capricornutum)			
LC50/96h	5.2-23.4 mg/l (piscis)			
	izinc bis(orthophosphate)			
	28.2 mg/l (daphnia magna)			
ErC50/72h	<0.3 mg/l (Desmodesmus subspicatus)			
EC50/48h	<1.7 mg/l (daphnia magna)			
EC50/72h	0.28 mg/l (Selenastrum capricornutum)			
LC50/96h	<5.1 mg/l (Oncorhynchus mykiss)			
	1,1'-(p-tolylimino)dipropan-2-ol			
EC50/48h	28.8 mg/l (daphnia magna) (OECD 202)			
EC20/0.5h	>1,995 mg/l (BES) (OECD 209)			
EC50/72h	245 mg/l (Desmodesmus subspicatus) (OECD 201)			
LC50/96h	17 mg/l (Brachydanio rerio)			
	leic anhydride			
EC50/24h	316-330 mg/l (daphnia magna)			
EC50	77 mg/l (daphnia magna)			
EC10/18h	44.6 mg/l (pseudomonas putida)			
EC50/48h	42.81 mg/l (daphnia magna)			
ErC50/72h	74.35 mg/l (Pseudokirchneriella subcapitata) (OECD 202)			
NOELR/72h	150 mg/l (Pseudokirchneriella subcapitata)			
		(Contd. on page 12)		

Printing date 17.03.2020

Version number 33

Revision: 17.03.2020

ade name: Ela	astic Filler		
		(Contd. of page 1	
NOEC/21d	10 mg/l (daphnia mag	gna)	
EC50/72h	29 mg/l (Desmodesm	nus subspicatus)	
	74.32 mg/l (Pseudokirchneriella subcapitata)		
	>150 mg/l (Selenastr	um capricornutum)	
LC50/96h	75 mg/l (lepomis macrochirus)		
	75 mg/l (Oncorhynchus mykiss)		
12.2 Persist	ence and		
degradabilit		No further relevant information available.	
	umulative potential	No further relevant information available.	
Ecotoxical ef		No further relevant information available.	
Remark:		Harmful to fish	
Additional ec	ological information:		
General note		Do not allow product to reach ground water, water course or sewage system.	
		Harmful to aquatic organisms	
		Water hazard class 2 (German Regulation) (Self-assessment): hazardous t water	
12.5 Results	s of PBT and vPvB as		
PBT:		Not applicable.	
· vPvB:		Not applicable.	
		Not applicable.	
12.6 Other a	dverse effects 3: Disposal considera	Not applicable. No further relevant information available.	
SECTION 13 SECTION 13	B: Disposal considera treatment methods ation	Not applicable. No further relevant information available. ations	
SECTION 13 13.1 Waste t Recommend	B: Disposal considera treatment methods ation aste catalogue	Not applicable. No further relevant information available. ations Must not be disposed together with household garbage. Do not allow product reach sewage system.	
SECTION 13 13.1 Waste to Recommend European wa 20 00 00 M IN	B: Disposal considera areatment methods ation aste catalogue UNICIPAL WASTES ISTITUTIONAL WAST	Not applicable. No further relevant information available. ations Must not be disposed together with household garbage. Do not allow product reach sewage system. G (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND FES) INCLUDING SEPARATELY COLLECTED FRACTIONS	
12.6 Other a SECTION 13 13.1 Waste t Recommend European wa 20 00 00 IN 20 01 00	B: Disposal considera ation aste catalogue UNICIPAL WASTES ISTITUTIONAL WAST Parately collected frace	Not applicable. No further relevant information available. ations Must not be disposed together with household garbage. Do not allow product reach sewage system. G (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND FES) INCLUDING SEPARATELY COLLECTED FRACTIONS ctions (except 15 01)	
12.6 Other a SECTION 13 13.1 Waste t Recommend European wa 20 00 00 IN 20 01 00	B: Disposal considera ation aste catalogue UNICIPAL WASTES ISTITUTIONAL WAST Parately collected frace	Not applicable. No further relevant information available. ations Must not be disposed together with household garbage. Do not allow product reach sewage system. G (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND FES) INCLUDING SEPARATELY COLLECTED FRACTIONS	
12.6 Other a SECTION 13 13.1 Waste t Recommend European wa 20 00 00 IN 20 01 00	B: Disposal considera ation aste catalogue UNICIPAL WASTES ISTITUTIONAL WAST aparately collected fraction aint, inks, adhesives a	Not applicable. No further relevant information available. ations Must not be disposed together with household garbage. Do not allow product reach sewage system. G (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND FES) INCLUDING SEPARATELY COLLECTED FRACTIONS ctions (except 15 01)	
12.6 Other a SECTION 13 13.1 Waste t Recommend European wa 20 00 00 M IN 20 01 00 se 20 01 27* pa	B: Disposal considera ation aste catalogue UNICIPAL WASTES ISTITUTIONAL WAST aparately collected fract aint, inks, adhesives a ackaging:	Not applicable. No further relevant information available. ations Must not be disposed together with household garbage. Do not allow product reach sewage system. G (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND TES) INCLUDING SEPARATELY COLLECTED FRACTIONS ctions (except 15 01) nd resins containing hazardous substances Empty contaminated packagings thoroughly. They may be recycled aft	
12.6 Other a SECTION 13 13.1 Waste t Recommend European wa 20 00 00 M 20 01 00 20 01 27* particular Uncleaned p Recommend	B: Disposal considera ation aste catalogue UNICIPAL WASTES ISTITUTIONAL WAST aparately collected fract aint, inks, adhesives a ackaging:	Not applicable. No further relevant information available. ations Must not be disposed together with household garbage. Do not allow product reach sewage system. G (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND TES) INCLUDING SEPARATELY COLLECTED FRACTIONS ctions (except 15 01) nd resins containing hazardous substances Empty contaminated packagings thoroughly. They may be recycled aft thorough and proper cleaning. Alcohol	
12.6 Other a SECTION 13 13.1 Waste t Recommend European wa 20 00 00 M 20 01 00 20 01 27* particular Uncleaned p Recommend	B: Disposal considera ation aste catalogue UNICIPAL WASTES ISTITUTIONAL WAST eparately collected fract aint, inks, adhesives a ackaging: ation:	Not applicable. No further relevant information available. ations Must not be disposed together with household garbage. Do not allow product reach sewage system. G (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND TES) INCLUDING SEPARATELY COLLECTED FRACTIONS ctions (except 15 01) nd resins containing hazardous substances Empty contaminated packagings thoroughly. They may be recycled aft thorough and proper cleaning.	
12.6 Other a SECTION 13 13.1 Waste t Recommend European wa 20 00 00 M IN 20 01 00 se 20 01 27* pa Uncleaned p Recommend Recommend	B: Disposal considera ation aste catalogue UNICIPAL WASTES ISTITUTIONAL WAST eparately collected fract aint, inks, adhesives a ackaging: ation:	Not applicable. No further relevant information available. ations Must not be disposed together with household garbage. Do not allow product reach sewage system. G (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND TES) INCLUDING SEPARATELY COLLECTED FRACTIONS ctions (except 15 01) nd resins containing hazardous substances Empty contaminated packagings thoroughly. They may be recycled aft thorough and proper cleaning. Alcohol acetone	
12.6 Other a SECTION 13 13.1 Waste t Recommend European wa 20 00 00 M IN 20 01 00 se 20 01 27* pa Uncleaned p Recommend SECTION 14 SECTION 14 14.1 UN-Nur	B: Disposal considera ation aste catalogue UNICIPAL WASTES ISTITUTIONAL WAST aparately collected fraction: ation: ation: ed cleansing agents: I: Transport information mber	Not applicable. No further relevant information available. ations Must not be disposed together with household garbage. Do not allow product reach sewage system. 6 (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND FES) INCLUDING SEPARATELY COLLECTED FRACTIONS ctions (except 15 01) nd resins containing hazardous substances Empty contaminated packagings thoroughly. They may be recycled aft thorough and proper cleaning. Alcohol acetone tion	
12.6 Other a SECTION 13 13.1 Waste t Recommend European wa 20 00 00 M IN 20 01 00 se 20 01 27* pa Uncleaned p Recommend Recommend SECTION 14	B: Disposal considera ation aste catalogue UNICIPAL WASTES ISTITUTIONAL WAST aparately collected fraction: ation: ation: ed cleansing agents: I: Transport information mber	Not applicable. No further relevant information available. ations Must not be disposed together with household garbage. Do not allow product reach sewage system. G (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND TES) INCLUDING SEPARATELY COLLECTED FRACTIONS ctions (except 15 01) nd resins containing hazardous substances Empty contaminated packagings thoroughly. They may be recycled aft thorough and proper cleaning. Alcohol acetone	
12.6 Other a SECTION 13 13.1 Waste t Recommend European wa 20 00 00 M IN 20 01 00 se 20 01 27* pa Uncleaned p Recommend SECTION 14 14.1 UN-Nur ADR, IMDG, 14.2 UN pro	B: Disposal considera ation aste catalogue UNICIPAL WASTES ISTITUTIONAL WAST aparately collected fraction: ation: ation: ed cleansing agents: I: Transport information mber	Not applicable. No further relevant information available. ations Must not be disposed together with household garbage. Do not allow product reach sewage system. 3 (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND TES) INCLUDING SEPARATELY COLLECTED FRACTIONS ctions (except 15 01) nd resins containing hazardous substances Empty contaminated packagings thoroughly. They may be recycled aft thorough and proper cleaning. Alcohol acetone UN3269	
12.6 Other a SECTION 13 13.1 Waste t Recommend European wa 20 00 00 M IN 20 01 00 se 20 01 27* pa Uncleaned p Recommend SECTION 14 14.1 UN-Nur ADR, IMDG,	B: Disposal considera A: reatment methods ation aste catalogue UNICIPAL WASTES ISTITUTIONAL WAST Exparately collected frace aint, inks, adhesives a ackaging: ation: bed cleansing agents: C: Transport informat INDER IATA	Not applicable. No further relevant information available. ations Must not be disposed together with household garbage. Do not allow product reach sewage system. 6 (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND FES) INCLUDING SEPARATELY COLLECTED FRACTIONS ctions (except 15 01) nd resins containing hazardous substances Empty contaminated packagings thoroughly. They may be recycled aft thorough and proper cleaning. Alcohol acetone tion	

(Contd. on page 13) GB



Safety data sheet

according to 1907/2006/EC, Article 31



Printing date 17.03.2020

Version number 33

Revision: 17.03.2020

Trade name: Elastic Filler (Contd. of page 12) · 14.3 Transport hazard class(es) · ADR Class 3 (FT3) Flammable liquids. Label 3 · IMDG, IATA 3 Flammable liquids. Class · Label 3 · 14.4 Packing group Ш · ADR, IMDG, IATA · 14.5 Environmental hazards: No Marine pollutant: · 14.6 Special precautions for user Warning: Flammable liquids. · Hazard identification number (Kemler code): 30 F-E,S-D · EMS Number: Stowage Category Α · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable. Transport/Additional information: ADR Limited quantities (LQ) 5L Excepted quantities (EQ) Code: E0 Not permitted as Excepted Quantity Transport category 3 Tunnel restriction code D/E · Remarks: Without hardener component: no dangerous goods < 450 l · IMDG Limited quantities (LQ) 5L Code: E1 Excepted quantities (EQ) Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml Without hardener component: no dangerous goods < 30 I · Remarks: IATA Without hardener component: 3/III UN 1866 Resin Solution Remarks: · UN "Model Regulation": UN 3269 POLYESTER RESIN KIT, 3, III

SECTION 15: Regulatory information

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

Directive 2012/18/EU

- Named dangerous substances -ANNEX I
- None of the ingredients is listed.

Printing date 17.03.2020

Version number 33

Revision: 17.03.2020

-	
Trade name: Elastic Filler	
Qualifying quantity (tonnes) for the application of lower-tier	P5c FLAMMABLE LIQUIDS (Contd. of page 13) 5,000 t
application of upper-tier	50,000 t Conditions of restriction: 3
National regulations:	
Information about limitation of use:	Employment restrictions concerning pregnant and lactating women must be observed. Employment restrictions concerning juveniles must be observed.
	Water hazard class 2 (Self-assessment): hazardous for water. 225.1 g/l
	A Chemical Safety Assessment has not been carried out.
	esent knowledge. However, this shall not constitute a guarantee for any specific blish a legally valid contractual relationship.
Recommended restriction of use	 H226 Flammable liquid and vapour. H300 Fatal if swallowed. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H361d Suspected of damaging the unborn child. H372 Causes damage to the hearing organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. refer to Technical Data Sheet (TDS)
<u>Contact:</u> <u>Abbreviations and acronyms:</u>	Laboratory Dieter Zimmermann RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) DNEL: Derived No-Effect Level (REACH) PNEC: Predicted No-Effect Concentration (REACH)

AKEMI®

Printing date 17.03.2020

Version number 33

Revision: 17.03.2020

Trade name: Elastic Filler

		(Contd. of page 14)
	vPvB: very Persistent and very Bioaccumulative	(contai oi pago i i)
	Flam. Liq. 3: Flammable liquids – Category 3	
	Acute Tox. 2: Acute toxicity - oral – Category 2	
	Acute Tox. 4: Acute toxicity - inhalation – Category 4	
	Skin Corr. 1B: Skin corrosion/irritation – Category 1B	
	Skin Irrit. 2: Skin corrosion/irritation – Category 2	
	Eye Dam. 1: Serious eye damage/eye irritation – Category 1	
	Eye Irrit. 2: Serious eye damage/eye irritation – Category 2	
	Resp. Sens. 1: Respiratory sensitisation – Category 1	
	Skin Sens. 1: Skin sensitisation – Category 1	
	Skin Sens. 1A: Skin sensitisation – Category 1A	
	Repr. 2: Reproductive toxicity – Category 2	
	STOT SE 3: Specific target organ toxicity (single exposure) – Category 3	
	STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1	
	STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2	
	Asp. Tox. 1: Aspiration hazard – Category 1	
	Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard -	
	Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic ha	
	Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic ha	zard – Category 3
 * Data compared to the previous 		
version altered.	Adaptation in accordance with REACH directive 1907/2006/EC	
		GB