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Technical Data Sheet

Properties:	AKEMI [®] Stone Silicone is a 1-component joint-sealing material based on silicone rubber which hardens in contact with atmospheric moisture.
	 The product is characterized by the following properties: guaranteed no discolouration in the contact area (ISO 16938) rational processing and smoothing properties mould-inhibiting properties practical movement absorption 25% skin formation time approx. 15 minutes temperature resistant from -40°C to +180°C resistant to water stress, UV- and weathering influences high resistance to abrasion, tearing and notching very low emission (GEV EMICODE[®] EC1^{PLUS}) odourless and physiologically harmless after hardening colours also available in matt design emission class A+ (confirmed by an external testing institute)
Application Area:	AKEMI [®] Stone Silicone is a special joint-sealing material for expansion and connecting joints on natural and artificial stone which is sensitive to discolouration, e.g. marble, granite, quartzite, sandstone, limestone, terrazzo, concrete and the like. The product also has a very good adhesion on plaster, ceramics, glass, wood, many metals and plastics.
Instructions for Use:	 Contact surfaces must be dry, clean, free of grease and dust. Cleaning with AKEMI® Cleaner A on natural and artificial stone, tiles, ceramics, glass, non-painted wood and metal; AKEMI® Cleaner I on plastics and painted surfaces. To avoid adhesion on three flanks and in case of deep joints use AKEMI back-filling cords; for humid room applications as well as in outdoor and permanent wet areas use closed-cell PE back-filling cords, otherwise use open-cell PUR back-filling cords. Joint size min. 5 x 3 mm (width x depth). Mask off surfaces in the area of the joint edges with AKEMI® Special Adhesive Tape. Working temperature +5°C up to +40°C. Apply product and smoothen within 15 minutes. Optimal smoothing is achieved with AKEMI® Smoothing Rubber and AKEMI® Smoothing Agent (except for mat design colours). Remove the masking tape used before the skin is formed in the direction of the joint. Hardening depends on layer thickness, temperature and relative atmospheric humidity and takes approx. 2 mm per 24 hours. Tools can be cleaned with AKEMI® Cleaner A.
Special Notes:	 For professional use only. Use afin[®] Liquid Glove to protect your hands. Mat-design colours must be smoothened dry in order to create the mat surface effect. Discolouration occurs on tar or bitumen coated surfaces as well as on elastomers such as EPDM, APTC or neoprene. Test the compatibility with the sealant prior to using the product on coated surfaces (e.g. paints, lacquer coats). To avoid staining, do not apply the primer to visible surfaces. Remove excess smoothing agent to avoid staining.

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	 No or limited adher and teflon. Sealing materials v construction of aqu Hardened sealant sealant with AKEN The hardened sea Recycling in accorr EC on the Packagi 	sion to plasticise with fungicide ad uariums. can only be rema ll [®] Cleaner A, de lant is not dange dance with the g ing Directive 94/6	d plastics as well as on PE, PP ditives must not be used in the oved mechanically, not hardened pending on the surfaces. Frous to health. uidelines of EU Decision 97/129 62/EC.
Technical Data:	System: Consistency ISO 7390 Specific weight EN/ISO Shore A hardness ISO Permissible total defor Working temperature: Temperature resistanc Skin formation time at air humidity: Hardening at 23°C, 50 humidity: Modulus/elongation str Reaction to fire DIN 41 Consumption: <u>Joint width</u> 5 mm 10 mm 15 mm	: 0 1183-1: 868: mation: e: 23°C, 50% rel. % rel. air ress at 100%: 02: <u>Joint depth</u> 5 mm 10 mm 10 mm	oxime cross-linked, MEKO-free paste-like, stable 1.03 g/cm ³ 1.23 g/cm ³ (mat) approx. 35 25% + 5°C to + 40°C -40°C to +180°C approx. 15 minutes approx. 2 mm per 24 hours 0.5 N/mm ² class B2 <u>meter per cartridge</u> 12 3 2
Adhesion and compatibility:	AKEMI [®] Stone Silicone variety of possible influ less recommended to of Stone Silicone on surfa the type and condition loads (tensile and sheat other media) it may be results- to improve the cleaners and/or primer absorbent surfaces, Pr surfaces). Sufficient adhesion car adhesion-repellent pro silicone, PTFE (e.g. Te bitumen- or wax-contar AKEMI [®] Stone Silicone common substrates ma	e has a very wide ences on the ad carry out an adhe aces with not yet of the surface m ar forces, exposu advisable -depe adhesion of the s (e.g. AKEMI® (imer AP 10 for p nnot be achieved perties, such as effon®), butyl rubb ining materials.	e adhesion spectrum. Due to the hesion behaviour, it is neverthe- esion test before using AKEMI® known behaviour. Depending on aterial as well as subsequent ure to temperature, humidity and ending on corresponding test sealant to the surface by using Clean Primer AP 40 for non- borous respectively absorbent d on surfaces with generally polyolefins (e.g. PE, PP), ber, neoprene, EPDM, tar-,



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Technical Data Sheet

	patibility between sealant and adjacent existing ls intended for later contact (e.g. coating systems) nctional units (glazing systems) must be ensured s used to avoid discolouration, loss in adhesion, other harmful consequences. Prolonged contact a release migratory components (e.g. plasticisers, cally be avoided. ne is a pure silicone. It is free of acidic or alkaline able plasticisers, extenders or solvents and thus uirements for compatibility in contact with natural sitive materials. ed or discolouring substances can lead to an optical nt. This applies in particular to substances in us, dirt, substances containing tar and bitumen, but olonisation by mould.		
Storage:	If stored in dry and cool condition (5-25°C/41-77°F) in its closed original container at least 12 months from production.		
Conformity/tests:	EN 15651-1 EN 15651-2 EN 15651-3 EN 15651-4 ISO 16938-1 DIN 52452-4 VOC France EMICODE [®] REACH	EXT-INT CC class 25 LM G CC class 25 LM S class XS1 PW EXT-INT CC class 25 LM compatibility with natural stone A1 and A2, compatible with paint ¹⁾ emission class A+ EC1 ^{PLUS} – very low emission compliant with regulation (EU) No. 1907/2006	
Health & Safety:	Read Safety Data S	heet before handling or using this product.	
Important Notice:	The above information is based on the latest stage of development and application technology. Due to a multiplicity of different influencing factors, this information – as well as other oral or written technical advises – must be considered as non-binding hints. The user is obliged in each particular case to conduct performance tests, including but not limited to trails of the product, in an inconspicuous area or fabrication of a sample piece.		

Safety data sheet according to 1907/2006/EC, Article 31

Version number 2 (replaces version 1)



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SECTION 1: Identification of the substance/mixture and of the company/undertaking				
1.1 Product identifier	Steineilieen			
· Trade name:	Stemsmoon			
• Article number:	424xx			
the substance or mixture and				
uses advised against	No further relevant information available.			
· Application of the substance / the				
mixture	Construction chemicals			
• 1.3 Details of the supplier of the	<u>Safety data sheet</u>	Tel +40(0)011 642060		
	Lechstrasse 28	Fax $+49(0)911-644456$		
	D 90451 Nürnberg	e-mail info@akemi.de		
· Further information obtainable				
from:	Laboratory			
1.4 Emergency telephone				
number:	Product Safety Department AKEMI chemisch technische $T_{el} + 40(0)011_{-}64206_{-}50$	Spezialfabrik GmbH		
	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.			
SECTION 2: Hazards identification	on			
2.1 Classification of the substan	<u>ce or mixture</u>			
Classification according to	The word set is not close if a consuling to the CLD years	tion		
Regulation (EC) No 1272/2008	The product is not classified, according to the CLP regula	IUON. 		
2.2 Label elements				
(EC) No 1272/2008	Void			
· Hazard pictograms	Void			
· Signal word	Void			
· Hazard-determining components of	f			
labelling:	Not applicable.			
· Hazard statements	Void			
· Additional information:	Contains 2-octyl-2H-isotniazol-3-one. May produce an alle	ergic reaction.		
· 2.3 Other hazards	Salety data sheet available on request.			
· Results of PBT and vPvB assessm	nent			
· <u>PBT:</u>	Not applicable.			
· <u>vPvB:</u>	Not applicable.			
SECTION 3: Composition/inform	nation on ingredients			
· 3 2 Mixtures				
· Description:	Sealant			
i	Mixture: consisting of the following components.			
		(Contd. on page 2)		

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	0.5%
37659-55-5 O, O, O - (methysis)indyne julioxime 2-pentalione	
Acute Tox. 4, H302; Acute Tox. 4, H312; Eye Irrit. 2, H319	
26530-20-1 2-octyl-2H-isothiazol-3-one	<1%
Acute Tox, 3, H301; Acute Tox, 3, H311; Acute Tox, 2, H330	
Skin Corr. 1, H314; Eye Dam. 1, H318	
Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100)	
Skin Sens. 1A, H317	
EUH071	
ATE: LD50 oral: 125 mg/kg	
LD50 dermal: 311 mg/kg	
LC50/4 h inhalative: 0.27 mg/l	
Specific concentration limit: Skin Sens. 1A; H317: $C \ge 0.0015$ %	
Additional information: For the wording of the listed bazard phrases refer to se	ction 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· General information:	Take affected persons out of danger area and lay down.
	Seek medical treatment.
· <u>After inhalation:</u>	Supply fresh air; consult doctor in case of complaints.
· <u>After skin contact:</u>	Rinse with warm water.
	If skin irritation continues, consult a doctor.
· After eye contact:	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor
· After swallowing:	Rinse out mouth and then drink plenty of water
Alter Swallowing.	Seek medical treatment
4.0 Moot immentent overstores	
4.2 Wost important symptoms	
and effects, both acute and	
delayed	Allergic reactions
 <u>4.3 Indication of any immediate</u> 	
medical attention and special	
treatment needed	No further relevant information available.
SECTION 5: Eirefighting measur	No further relevant information available.
treatment needed SECTION 5: Firefighting measur	No further relevant information available.
SECTION 5: Firefighting measur	No further relevant information available.
<u>treatment needed</u> SECTION 5: Firefighting measur <u>5.1 Extinguishing media</u> Suitable extinguishing agents:	No further relevant information available.
<u>treatment needed</u> SECTION 5: Firefighting measur • <u>5.1 Extinguishing media</u> • <u>Suitable extinguishing agents:</u>	No further relevant information available. es CO2, powder or water spray. Fight larger fire with alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions
<u> treatment needed</u> SECTION 5: Firefighting measur <u>5.1 Extinguishing media</u> <u>Suitable extinguishing agents:</u> For safety reasons unsuitable	No further relevant information available. es CO2, powder or water spray. Fight larger fire with alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions.
treatment needed SECTION 5: Firefighting measur • <u>5.1 Extinguishing media</u> • Suitable extinguishing agents: • For safety reasons unsuitable extinguishing agents:	No further relevant information available. es CO2, powder or water spray. Fight larger fire with alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions. Water with full let
<u>treatment needed</u> <u>SECTION 5: Firefighting measur</u> <u>5.1 Extinguishing media</u> <u>Suitable extinguishing agents:</u> <u>For safety reasons unsuitable</u> <u>extinguishing agents:</u> <u>5.2 Special bazards arising from</u>	No further relevant information available. es CO2, powder or water spray. Fight larger fire with alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions. Water with full jet
 treatment needed SECTION 5: Firefighting measur 5.1 Extinguishing media Suitable extinguishing agents: For safety reasons unsuitable extinguishing agents: 5.2 Special hazards arising from the substance or mixture 	No further relevant information available. es CO2, powder or water spray. Fight larger fire with alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions. Water with full jet
treatment needed SECTION 5: Firefighting measur • 5.1 Extinguishing media • Suitable extinguishing agents: • For safety reasons unsuitable extinguishing agents: • 5.2 Special hazards arising from the substance or mixture	No further relevant information available. es CO2, powder or water spray. Fight larger fire with alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions. Water with full jet Under certain fire conditions, traces of other toxic gases cannot be excluded,
treatment needed SECTION 5: Firefighting measur 5.1 Extinguishing media Suitable extinguishing agents: For safety reasons unsuitable extinguishing agents: 5.2 Special hazards arising from the substance or mixture	No further relevant information available. es CO2, powder or water spray. Fight larger fire with alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions. Water with full jet Under certain fire conditions, traces of other toxic gases cannot be excluded, e.g.:
treatment needed SECTION 5: Firefighting measur 5.1 Extinguishing media Suitable extinguishing agents: For safety reasons unsuitable extinguishing agents: 5.2 Special hazards arising from the substance or mixture	No further relevant information available. es CO2, powder or water spray. Fight larger fire with alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions. Water with full jet Under certain fire conditions, traces of other toxic gases cannot be excluded, e.g.: Carbon monoxide (CO)

5.3 Advice for firefighters
 Protective equipment:
 Additional information
 Additional information
 Cool endangered receptacles with water spray.

Siliziumoxide

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SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation Wear protective clothing. • 6.2 Environmental precautions: Keep contaminated washing water and dispose of appropriately. Do not allow to enter sewers/ surface or ground water. · 6.3 Methods and material for containment and cleaning up: Allow to solidify. Pick up mechanically. Send for recovery or disposal in suitable receptacles. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). · 6.4 Reference to other sections See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information. SECTION 7: Handling and storage • 7.1 Precautions for safe handling Use only in well ventilated areas. · Information about fire - and explosion protection: No special measures required. · 7.2 Conditions for safe storage, including any incompatibilities · Storage: · Requirements to be met by storerooms and receptacles: Store only in the original receptacle. Prevent any seepage into the ground. · Information about storage in one VCI-Konzept für die Zusammenlagerung von Chemikalien beachten. common storage facility: Store away from foodstuffs. Store away from oxidising agents. · Further information about storage conditions: Protect from frost. · Storage class: 13 · 7.3 Specific end use(s) No further relevant information available. SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the

workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELS					
37859-55-	37859-55-5 O, O', O'' -(methylsilylidyne)trioxime 2-pentanone				
Oral	DNEL (Kurzzeit-akut)	0.375 mg/kg bw/day (BEV)			
	DNEL (Langzeit-wiederholt)	0.033 mg/kg bw/day (BEV)			
Dermal	DNEL (Kurzzeit-akut)	0.033 mg/kg bw/day (BEV)			
	DNEL (Langzeit-wiederholt)	0.065 mg/kg bw/day (ARB)			
		0.033 mg/kg bw/day (BEV)			
Inhalative	DNEL (Langzeit-wiederholt)	0.2292 mg/m³ Air (ARB)			
		0.057 mg/m³ Air (BEV)			
		(Contd. on page 4)			

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Trade name: Steins	silicon	
		(Contd. of page 3)
· <u>PNECs</u>		
37859-55-5 O, O)', O'' -(methylsilyl	idyne)trioxime 2-pentanone
PNEC (wässrig)	2.15 mg/l (KA)	
(0)	0.01 mg/l (MW)	
	0.1 mg/l(SW)	
DNEC (feet)	0.044 mg/kg Troc	kengew (BO)
	0.044 mg/kg Troc	kengew (MW/S)
	0.269 mg/kg Troc	kengew (SVVS)
 Additional inform 	lation:	The lists valid during the making were used as basis.
8.2 Exposure co	ontrols	
 Appropriate engi 	neering controls	No further data; see item 7.
Individual protect	tion measures, suc	h as personal protective equipment
	ve and hygienic	The usual pressutionary measures are to be adhered to when handling
measures.		chemicals
		Wash hands before breaks and at the end of work.
		Keep away from foodstuffs, beverages and feed.
		Avoid contact with the eyes and skin.
 Respiratory prote 	ection:	Not necessary if room is well-ventilated.
		Short term filter device:
. Hand protection		Fliter A/P2 Proventive skin protection by use of skin protecting agents is recommended
		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.
		Due to missing tests no recommendation to the glove material can be given for
		the product/ the preparation/ the chemical mixture.
		Selection of the glove material on consideration of the penetration times, rates of
· Material of alove	c	Butyl rubber BR
inaterial of glove	5	Chloroprene rubber CR
		Nitrile rubber, NBR
		The selection of the suitable gloves does not only depend on the material, but
		also on further marks of quality and varies from manufacturer to manufacturer.
		As the product is a preparation of several substances, the resistance of the glove
		material can not be calculated in advance and has therefore to be checked prior
· Depetration time	of alove material	The determined penetration times according to EN 16523 1:2015 are not
	or giove material	performed under practical conditions. Therefore a maximum wearing time, which
		corresponds to 50% of the penetration time, is recommended.
		Value for the permeation: Level \leq 6;480min
		The exact break trough time has to be found out by the manufacturer of the
F (1		protective gloves and has to be observed.
· For the permane	ent contact gloves	
suitable.	wing materials are	Butyl rubber, BR
· As protection fro	m splashes gloves	
made of the follo	wing materials are	
suitable:		Nitrile rubber, NBR
		Butoject (KCL, Art_No. 897, 898)
		Camapren (KCL, Art_No. 720, 722, 726)
Not suitable are	aloves made of	Butyl rudder, BK
the following mat	gioves made or terials:	Strong material gloves
and ronowing mai		Leather gloves
· Eye/face protecti	ion	Goggles recommended during refilling
		(Contd. on page 5)

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Trade name: Steinsilicon				
· Body protection:	Impervious pro	tective clothing	(Contd. of page 4)	
SECTION 9: Physical and chemi	cal properties			
• 9.1 Information on basic physica	9.1 Information on basic physical and chemical properties			
· General Information				
· Physical state		Solid		
· <u>Colour:</u>		According to product specification		
· <u>Odour:</u> · <u>Odour</u> threshold:		Specific type		
· Melting point/freezing point·		$< 40 \circ C$		
· Boiling point or initial boiling point a	and boiling range	Undetermined.		
· Flammability	5 5	Not applicable.		
· Lower and upper explosion limit				
· Lower:		Not determined.		
· <u>Upper:</u>		Not determined.		
· Flash point:		Not applicable.		
· pH		Not determined.		
		Not applicable.		
· Viscosity:				
 Kinematic viscosity at 40 °C 		>20.5 mm²/s		
· <u>Dynamic:</u>		Not determined.		
		Not applicable.		
· Solubility		Not missible or difficult to mix		
· water.		Inscluble		
· Partition coefficient n-octanol/wate	r (log value)	Not determined.		
· Vapour pressure:	<u>(())</u>	Not determined.		
		Not applicable.		
· Density and/or relative density				
Density at 20 °C:		1.03-1.24 g/cm ³		
· Relative density		Not determined.		
· Particle characteristics		See item 3		
· 9.2 Other Information				
· Form·		Paste		
· Important information on protection	on of health and			
environment, and on safety.		-		
 Auto-ignition temperature: 		Product is not selfigniting.		
Explosive properties:		Product does not present an explosion hazard.		
· Solvent content:		100.0.%		
· <u>Solids content.</u>		100.0 %		
· Evaporation rate		Not determined.		
· Information with regard to physical	hazard classes			
· Explosives				
	Void			
· <u>Flammable gases</u>				
	Vold			
	Void			
L	. 014		(Contd. on page 6)	
			(Joing, on page 0)	

according to 1907/2006/EC, Article 31

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· <u>Flammable liquids</u>	Void	
· <u>Flammable solids</u>	Void	
· <u>Self-reactive substances</u>	Void s and mixtures	
· Pyrophoric liquids	Void	
· Pyrophoric solids	Void	
	Void	

· Self-heating substances and mixtures

					Void	
• ;	Substances	and	mixtures,	which	emit flammal	ble
Ģ	gases in contact with water					

Ovidicing liquido	Void
· <u>Oxidising liquids</u>	Void
· Oxidising solids	Void
· Organic peroxides	Volu
· <u>Corrosive to metals</u>	Void
· Desensitised explosives	Void
	Void

SECTION 10: Stability and reactivity

· 10.1 Reactivity	Stable under recommended transport or storage conditions
10.2 Chemical stability	
· Thermal decomposition /	
conditions to be avoided:	No decomposition if used and stored according to specifications.
10.3 Possibility of hazardous	
reactions	Reacts with strong oxidising agents.
	Toxic fumes may be released if heated above the decomposition point.
 10.4 Conditions to avoid 	Heat, flames and other sources of ignition
	moisture
10.5 Incompatible materials:	strong oxidizing agents
	(Contd. on page 7)



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Trade name: Steinsilicon

· 10.6 Hazardous decomposition

products:

Small quantities of formaldehyde may be formed

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008			
Acute toxicity Based on available data, the classification criteria are not met.			
· LD/LC50 values relevant for classification:			
ATE (Acut	te Toxicity	y Estimates)	
Oral	LD50	>22,660-123,400 mg/kg (rat)	
Dermal	LD50	>40,000-200,000 mg/kg (rat)	
37859-55-	5 O, O', O	" -(methylsilylidyne)trioxime 2-pentanone	
Oral	LD50	1,133-1,234 mg/kg (rat)	
	NOAEL	13 mg/kg (rat)	
Dermal	LD50	2,000 mg/kg (rat)	
26530-20-	1 2-octyl-2	2H-isothiazol-3-one	
Oral	LD50	125 mg/kg (ATE)	
Dermal	LD50	311 mg/kg (ATE)	
Inhalative	LC50/4 h	0.27 mg/l (ATE)	
· Primary irr	itant effect	t: Do not get in eyes, on skin, or on clothing.	
Skin corro	sion/irritati	on Based on available data, the classification criteria are not met.	
Serious ey	/e damage	<u>/irritation</u> Based on available data, the classification criteria are not met.	
Respirator	y or skin s	ensitisation Based on available data, the classification criteria are not met.	
· Germ cell	mutagenic	Based on available data, the classification criteria are not met.	
· <u>Carcinoge</u>	nicity	Based on available data, the classification criteria are not met.	
		Based on available data, the classification criteria are not met.	
STOT-SIN	pie exposu	Based on available data, the classification criteria are not met	
· Aspiration	hazard	Based on available data, the classification criteria are not met	
· 11.2 Information on other hazards			
· Endocrine disrupting properties			
None of the ingredients is listed.			
	5		

SECTION 12: Ecological information

· 12.1 Toxicity

37859-55-5 O, O', O'' -(methylsilylidyne)trioxime 2-pentanone		
EC50/48h 113 mg/l (daphnia magna)		
EC50/72h 88 mg/l (Pseudokirchneriella subcapitata)		
LC50/96h 113 mg/l (Oncorhynchus mykiss)		
26530-20-1 2-octyl-2H-isothiazol-3-one		
EC50/48h 0.32 mg/l (daphnia magna)		
EC20/3h 7.3 mg/l (BES)		
NOEC/21d 0.003 mg/l (daphnia magna)	0.003 mg/l (daphnia magna)	
EC50/72h 0.00129 mg/l (Navicula pelliculosa)		
LC50/96h 0.047 mg/l (Oncorhynchus mykiss)		
• 12.2 Persistence and degradability Not easily biodegradable • 12.3 Bioaccumulative potential No further relevant information available.		

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Trade name: Steinsilicon	
	(Contd. of page 7)
· 12.4 Mobility in soil	No further relevant information available.
12.5 Results of PBT and vPvB a	ssessment
· PBT:	Not applicable.
· vPvB:	Not applicable.
12.6 Endocrine disrupting	
properties	The product does not contain substances with endocrine disrupting properties.
12.7 Other adverse effects	
· Additional ecological information:	
· General notes:	Do not allow product to reach ground water, water course or sewage system. Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

SECTION 13: Disposal considerations

13.1 Waste treatment methods

 \cdot Recommendation

Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations. Smaller quantities can be disposed of with household waste.

· Europear	n waste catalogue
07 00 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 02 00	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 17	waste containing silicones other than those mentioned in 07 02 16
08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 04 00	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
15 00 00	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01 00	packaging (including separately collected municipal packaging waste)
15 01 02	plastic packaging
. I Incleane	d packaging:

· <u>Recommendation:</u>

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

SECTION 14: Transport information

· 14.1 UN number or ID number · ADR, IMDG, IATA	Void	
 <u>14.2 UN proper shipping name</u> <u>ADR, IMDG, IATA</u> 	Void	
 <u>14.3 Transport hazard class(es)</u> 		
· <u>ADR, ADN, IMDG, IATA</u> · <u>Class</u>	Void	
· 14.4 Packing group · <u>ADR, IMDG, IATA</u>	Void	
 <u>14.5 Environmental hazards:</u> <u>Marine pollutant:</u> 	No	
 14.6 Special precautions for user 	Not applicable.	
		(Contd. on page 9)

⁻ EU

according to 1907/2006/EC, Article 31

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• <u>14.7 Maritime transport in bulk a</u> instruments	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Void
SECTION 15: Regulatory inform	ation
· 15.1 Safety. health and environn	nental regulations/legislation specific for the substance or mixture
· Directive 2012/18/FU	
· Named dangerous substances -	
ANNEX I	None of the ingredients is listed.
DIRECTIVE 2011/65/EU on the re equipment – Annex II	striction of the use of certain hazardous substances in electrical and electronic
None of the ingredients is listed.	
· REGULATION (EU) 2019/1148	
Annex I - RESTRICTED EXPLOS	IVES PRECURSORS (Upper limit value for the purpose of licensing under Article
<u>5(3))</u>	
None of the ingredients is listed.	
Annex II - REPORTABLE EXPLOS	SIVES PRECURSORS
None of the ingredients is listed.	
· Regulation (EC) No 273/2004 on c	drug precursors
None of the ingredients is listed.	
· Regulation (EC) No 111/2005 lavir	ng down rules for the monitoring of trade between the Community and third
countries in drug precursors	
None of the ingredients is listed.	
· National regulations:	
· Information about limitation of use	Employment restrictions concerning pregnant and lactating women must be observed.
	Employment restrictions concerning juveniles must be observed.
· Waterhazard class:	Water hazard class 1 (Self-assessment): slightly hazardous for water.
· Substances of very high concern (SVHC) according to REACH, Article 57
None of the ingredients is listed.	
15.2 Chemical safety	
assessment:	A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing SDS: Date of previous version: Version number of previous	Laboratory 30.03.2022	
version:	1	
· <u>Abbreviations and acronyms:</u>	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 relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods	
	GHS: Globally Harmonised System of Classification and Labelling of Chemicals	
	(Contd. on page 10)	

Safety data sheet according to 1907/2006/EC, Article 31

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	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) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic SVHC: Substances of Very High Concern vPvB: very Persistent and very Bioaccumulative Acute Tox. 3: Acute toxicity – Category 3 Acute Tox. 4: Acute toxicity – Category 4 Acute Tox. 2: Acute toxicity – Category 2 Skin Corr. 1: Skin corrosion/irritation – Category 1 Eye Dam. 1: Serious eye damage/eye irritation – Category 2 Skin Sens. 1A: Skin sensitisation – Category 1A Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – 4 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – 4	(Contd. of page 9) Category 1 ard – Category 1
· Datasheet created on:	30.11.2021	FIL-

