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

1.1 Product identifier

Trade name : SikaSeal®-174

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

Product use : Sealant/adhesive

1.3 Details of the supplier of the safety data sheet

Company name of supplier	: Sika Poland Spółka z o.o.
	Karczunkowska 89
	02-871 Warszawa
Telephone	: +48 22 27 28 700
Telefax	: +48 22 27 28 800
E-mail address of person	: EHS@pl.sika.com
responsible for the SDS	-

1.4 Emergency telephone number

112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Additional Labelling

EUH208 Contains 3-aminopropyltriethoxysilane. May produce an allergic reaction.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.



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Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Contains a biocide in order to protect the product. Active ingredient: 2-n-butyl-benzo[d]isothiazol-3one, 4299-07-4. Please use treated articles responsibly.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Registration number		
Hydrocarbons, C13-C23, n-	Not Assigned	Asp. Tox. 1; H304	>= 2,5 - < 5
alkanes, isoalkanes, cyclics, <	932-078-5		
0.03% aromatics	01-2119552497-29-		
	XXXX		
Silsesquioxanes, 3-aminopropyl	128446-60-6	Flam. Liq. 3; H226	>= 2,5 - < 5
Me, ethoxy-terminated	Not Assigned	Skin Irrit. 2; H315	
		Eye Irrit. 2; H319	
3-aminopropyltriethoxysilane	919-30-2	Acute Tox. 4; H302	>= 0,5 - < 1
	213-048-4	Skin Corr. 1B; H314	
	01-2119480479-24-	Eye Dam. 1; H318	
	XXXX	Skin Sens. 1; H317	
		Acute toxicity esti-	
		mate	
		Acute oral toxicity:	
		1.490 mg/kg	

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.

.1 Description of first aid measures				
General advice	:	No hazards which require special first aid measures.		
If inhaled	:	Move to fresh air.		
In case of skin contact	:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.		
In case of eye contact	:	Remove contact lenses. Keep eye wide open while rinsing.		



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If swallowed	F C	to not induce vomiting without medical advid tinse mouth with water. To not give milk or alcoholic beverages. lever give anything by mouth to an unconsc	
4.2 Most important symptoms	and eff	ects, both acute and delayed	
Symptoms	-	ee Section 11 for more detailed information nd symptoms.	on health effects
Risks	: N	lo known significant effects or hazards.	
4.3 Indication of any immediat	e medic	al attention and special treatment neede	d
Treatment	: Т	reat symptomatically.	
SECTION 5: Firefighting me	asures	;	
5.1 Extinguishing media	o · I	les outinguishing massures that are approp	riata ta lagal air
Suitable extinguishing medi	a. C	lse extinguishing measures that are approp	

	·	cumstances and the surrounding environment.
		In case of fire, use water/water spray/water jet/carbon diox- ide/sand/foam/alcohol resistant foam/chemical powder for extinction.
Unsuitable extinguishing	:	High volume water jet

5.2 Special hazards arising from the substance or mixture

	- I · · · · · · · · · · · · · · · · · ·		
	Specific hazards during fire- fighting	:	Fire will produce dense black smoke containing hazardous combustion products (see section 10). Exposure to decomposition products may be a hazard to health.
	Hazardous combustion prod- ucts	:	Hazardous combustion products Carbon dioxide (CO2) Carbon monoxide Nitrogen oxides (NOx)
			No hazardous combustion products are known
5.3	Advice for firefighters		
	Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.
	Further information	:	Standard procedure for chemical fires.

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SECTION 6: Accidental release	se	measures	
6.1 Personal precautions, protect	ctiv	e equipment and emergency procedures	
Personal precautions	:	For personal protection see section 8.	
6.2 Environmental precautions			
Environmental precautions	:	No special environmental precautions required.	
6.3 Methods and material for co	ntai	inment and cleaning up	
Methods for cleaning up	:	Wipe up with absorbent material (e.g. cloth, fleed Keep in suitable, closed containers for disposal.	;e).
6.4 Reference to other sections			
For personal protection see s	ecti	on 8.	
SECTION 7: Handling and sto	ora	ge	
7.1 Precautions for safe handlin	g		
Advice on safe handling	:	For personal protection see section 8. No special handling advice required. Follow standard hygiene measures when handlir products	ng chemical
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.	
Hygiene measures	:	When using do not eat or drink. When using do r	not smoke.

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7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well-ventilated place. Store in accordance with local regulations.
Advice on common storage	:	No special restrictions on storage with other products.
Further information on stor- age stability	:	No decomposition if stored and applied as directed.
7.3 Specific end use(s) Specific use(s)	:	Consult most current local Product Data Sheet prior to any use.



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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

Occupational exposure limits of decomposition products

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *
ethanol	64-17-5	NDS	1.900 mg/m3	PL OEL
methanol	67-56-1	TWA	200 ppm 260 mg/m3	2006/15/EC
	Further infor	mation: Indicative, Ide	entifies the possib	ility of signifi-
	cant uptake t	through the skin		, ,
		NDS	100 mg/m3	PL OEL
	Further infor	mation: Skin		
		NDSch	300 mg/m3	PL OEL
ethanol	64-17-5	NDS	1.900 mg/m3	PL OEL

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

8.2 Exposure controls

Engineering measures

Maintain air concentrations below occupational exposure standards. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection	:	Safety glasses		
Hand protection	:	Chemical-resistant, impervious gloves complying with an ap- proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu- facturer specifications. Butyl rubber/nitrile rubber gloves (> 0,1 mm) Recommended: Butyl rubber/nitrile rubber gloves.		
Skin and body protection	:	Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionaly recommended for mixing and stirring work.		
Respiratory protection	:	No special measures required.		
Environmental exposure controls				

General advice : No special environmer	tal precautions required.
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Appearance Colour	:	liquid paste various
Odour	:	alcohol-like
Melting point/ range / Freez- ing point	:	No data available
Boiling point/boiling range	:	No data available
Flammability (solid, gas)	:	No data available
Upper/lower flammability or o	ovn	losivo limits
Upper explosion limit / Up-	-	
per flammability limit	•	NO data avallable
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	65 °C
Auto-ignition temperature	:	> 400 °C
Decomposition temperature	:	No data available
рН	:	Not applicable substance/mixture is non-soluble (in water)
Viscosity		
Viscosity, dynamic	:	> 1.000.000 mPa.s (23 °C)
Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)
Solubility(ies)		
Water solubility	:	insoluble



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Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: 0,001 hPa	
Density	: ca. 1,02 g/cm3 (20 °C)	
Relative vapour density	: No data available	
Particle characteristics	: No data available	
9.2 Other information No data available		
SECTION 10: Stability and re	eactivity	
10.1 Reactivity No dangerous reaction know	n under conditions of normal use.	
10.2 Chemical stability		
The product is chemically sta	able.	
10.3 Possibility of hazardous re	eactions	
Hazardous reactions	: No hazards to be specially mentioned.	
10.4 Conditions to avoid		
Conditions to avoid	: Avoid moisture.	
	Heat, flames and sparks.	
	Do not expose to temperatures above: 150 °C This product may release the following: Formaldehyde	
10.5 Incompatible materials		
Materials to avoid	: Water Bases Acids	
10.6 Hazardous decomposition	products	
Hazardous decomposition products	: ethanol	
Hazardous decomposition products	: methanol, ethanol	
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SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Not classified due to lack of data.

Components:

3-aminopropyltriethoxysilane:

Acute oral toxicity	:	LD50 Oral (Rat): 1.490 mg/kg
		Acute toxicity estimate: 1.490 mg/kg Method: Calculation method
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 2.000 mg/kg

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Product:

Species	:	Rabbit
Result	:	No skin irritation
Remarks	:	Read-across (Analogy)

Serious eye damage/eye irritation

Based on available data, the classification criteria are not met.

Product:

Species	:	Rabbit
Result	:	No eye irritation
Remarks	:	Read-across (Analogy)

Respiratory or skin sensitisation

Skin sensitisation

Based on available data, the classification criteria are not met.

Respiratory sensitisation

Not classified due to lack of data.

Product:

Species:Guinea pigMethod:OECD Test GuidResult:Does not cause	
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SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006, as amended by Commission Regula-

tion (EU) 2020/878

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Germ cell mutagenicity

Not classified due to lack of data.

Carcinogenicity

Not classified due to lack of data.

Reproductive toxicity

Not classified due to lack of data.

STOT - single exposure

Not classified due to lack of data.

STOT - repeated exposure

Not classified due to lack of data.

Aspiration toxicity

Not classified due to lack of data.

11.2 Information on other hazards

Endocrine disrupting properties

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Product:

Assessment

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..



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12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological infor-	:	There is no data available for this product.
mation		

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	:	The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
European Waste Catalogue	:	08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

SECTION 14: Transport information

14.1 UN number or ID number		
ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good
14.2 UN proper shipping name		
ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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ΙΑΤΑ	:	Not regulated as a dangerous good	
14.3 Transport hazard class(es	;)		
ADR	:	Not regulated as a dangerous good	
IMDG	:	Not regulated as a dangerous good	
ΙΑΤΑ	:	Not regulated as a dangerous good	
14.4 Packing group			
ADR	:	Not regulated as a dangerous good	
IMDG	:	Not regulated as a dangerous good	
IATA (Cargo)	:	Not regulated as a dangerous good	
IATA (Passenger)	:	Not regulated as a dangerous good	
14.5 Environmental hazards			
Not regulated as a dangerou	ıs go	od	
14.6 Special precautions for us Not applicable	ser		
14.7 Maritime transport in bulk Not applicable for product as		-	
SECTION 15: Regulatory inf	orm	ation	
15.1 Safety, health and environ International Chemical Wea Schedules of Toxic Chemica	pons		substance or mixture
REACH Information:		All substances contained in our Products are - registered by our upstream suppliers, and/ - registered by us, and/or - excluded from the regulation, and/or - exempted from the registration.	-

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)
Conditions of restriction for the following entries should be considered: Number on list 75
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).
REACH - List of substances subject to authorisation (Annex XIV)
Not applicable



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Regulation (EU) No 2024/590 on a plete the ozone layer	substances that de- : Not a	applicable
Regulation (EU) 2019/1021 on pe tants (recast)	rsistent organic pollu- : Not a	applicable
Regulation (EU) No 649/2012 of the ment and the Council concerning of dangerous chemicals	•	applicable
Seveso III: Directive 2012/18/EU o jor-accident hazards involving dar		of the Council on the control of ma-
Volatile organic compounds :	Law on the incentive tax for vola (VOCV) no VOC duties	tile organic compounds
	Directive 2010/75/EU of 24 Nove livestock rearing emissions (integ and control) Not applicable	

Other regulations:

Act of February 25, 2011 on chemical substances and their mixtures (i.e. Journal of Laws of 2020, item 2289)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Official Journal of the European Union L 353 from 31.12.2008) with further adaptation to technical progress (ATP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Official Journal of the European Union L 396 from 30.12.2006, as amended).

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Ordinance of the Minister of Family, Labour and Social Policy of 12 June 2018 concerning the highest allowable concentrations and levels of the agents harmful for health in the workplace



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(Dz.U 2018 pos 1286, with later amendments).

Ordinance of the Minister of Health of 2nd February 2011 concerning tests and measurement of agents harmful for health in the workplace (Dz. U. Nr. 33, item 166 with later amendments).

Ordinance of the Minister of Health of 30th December 2004 on the health and safety of workers related to chemical agents at work (consolidated text, Journal of Laws 2016 no. 0 item 1488)

Act of 14 December 2012. on Waste (Journal of Laws of 2013. pos. 21, as amended).

Act of 13 June 2013. On packaging and packaging waste (Journal. U. of 2013. Item. 888, as amended).

Ordinance of the Minister of Climate of 2nd January 2020 on Waste Catalog (Dz. U. 2020 item 10).

Ordinance of the Minister of Environment on the requirements for carrying out the process of thermal treatment of waste and how to deal with waste produced in the process. (Dz. U. of 2016., Pos. 108)

Act of 19 August 2011 on transport of dangerous goods (Dz. U. Nr. 227, item 1367, as amended).

Government Statement of February 15, 2021 on the entry into force of amendments to Annexes A and B to Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), drawn up in Geneva on September 30, 1957 (Journal of Laws 202 poz.874 as amended)

Act of July 29, 2005 on drug addiction prevention (Journal of Laws of 2005, No. 179, item 1485, with later amendments)

Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

Full text of H-Statements

H226 :	Flammable liquid and vapour.
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.



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Full text of other abbreviations

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Acute Tox.	:	Acute toxicity
Asp. Tox.		Aspiration hazard
Eye Dam.	:	Serious eye damage
Eye Irrit.		Eye irritation
Flam. Liq.		Flammable liquids
Skin Corr.	:	Skin corrosion
Skin Irrit.	:	Skin irritation
Skin Sens.	:	Skin sensitisation
2006/15/EC	:	Europe. Indicative occupational exposure limit values
PL OEL	:	Ordinance of the Minister of Family, Labour and Social Policy
FLOEL	•	
		of 12 June 2018 concerning the highest allowable concentra-
		tions and levels of the agents harmful for health in the work-
		place (Dz.U 2018 pos 1286, with later amendments)
2006/15/EC / TWA	:	Limit Value - eight hours
PL OEL / NDS	:	Maximal Admissible Concentration
PL OEL / NDSch	:	Maximal Admissible Temporary Concentration
ADR	:	European Agreement concerning the International Carriage of
		Dangerous Goods by Road
CAS	:	Chemical Abstracts Service
DNEL	:	Derived no-effect level
EC50	:	Half maximal effective concentration
GHS	:	Globally Harmonized System
ΙΑΤΑ	:	International Air Transport Association
IMDG	:	International Maritime Code for Dangerous Goods
LD50	:	Median lethal dosis (the amount of a material, given all at
		once, which causes the death of 50% (one half) of a group of
		test animals)
LC50	:	Median lethal concentration (concentrations of the chemical in
		air that kills 50% of the test animals during the observation
		period)
MARPOL	:	International Convention for the Prevention of Pollution from
		Ships, 1973 as modified by the Protocol of 1978
OEL		Occupational Exposure Limit
PBT	:	Persistent, bioaccumulative and toxic
PNEC	:	Predicted no effect concentration
REACH	:	Regulation (EC) No 1907/2006 of the European Parliament
I CE/COTT	•	and of the Council of 18 December 2006 concerning the Reg-
		istration, Evaluation, Authorisation and Restriction of Chemi-
		cals (REACH), establishing a European Chemicals Agency
0. // 1.0		cais (REACH), establishing à European Chemicals Agency

Further information

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Substances of Very High Concern

Very persistent and very bioaccumulative

:

:

SVHC

vPvB



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Changes as compared to previous version !

PL/EN