

Version 4.0

Print Date 02.12.2024

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

1.1 Product identifier

Trade name

: Sikadur[®]-41 + Part B

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

Product use : Adhesive

1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Schweiz AG
		Tüffenwies 16
		8048 Zürich
Telephone	:	+41 58 436 40 40
Telefax	:	-
E-mail address of person responsible for the SDS	:	EHS@ch.sika.com

1.4 Emergency telephone number

Tox Info Suisse CH-8028 Zurich +41(0)44 251 51 51 / Speed calling: 145

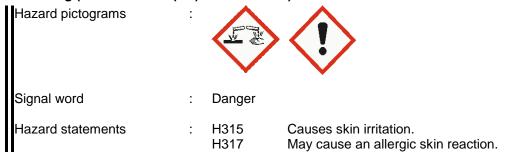
SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)					
Skin irritation, Category 2	H315: Causes skin irritation.				
Serious eye damage, Category 1	H318: Causes serious eye damage.				
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.				

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)



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



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	H318 Cau	uses serious eye damage.	
Precautionary statements :	P101	If medical advice is needed, hav container or label at hand.	e product
	P102	Keep out of reach of children.	
	Prevention:		
	P261 P280	Avoid breathing dust. Wear protective gloves/ eye proprotection.	tection/ face
	Response:		
	P305 + P351 + F	P338 + P310 IF IN EYES: Rinse with water for several minutes. F tact lenses, if present and easy tinue rinsing. Immediately call a CENTER/ doctor.	Remove con- to do. Con-
	Disposal:		
	P501	Dispose of contents/container in with local regulation.	accordance

Hazardous components which must be listed on the label:

Polyoxypropylene diamine Amines, polyethylenepoly-, triethylenetetramine fraction N'-(3-aminopropyl)-N,N-dimethylpropane-1,3-diamine

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.

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.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
Polyoxypropylene diamine	9046-10-0 618-561-0 01-2119557899-12- XXXX	Skin Corr. 1C; H314 Eye Dam. 1; H318 Aquatic Chronic 3; H412	>= 3 - < 5
Amines, polyethylenepoly-, tri- ethylenetetramine fraction Contains: 2-(2-aminoethylamino)ethanol <= 0,3 %	90640-67-8 292-588-2 01-2119487919-13- XXXX	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Corr. 1B; H314 Skin Sens. 1; H317 Aquatic Chronic 3; H412 EUH071 Acute toxicity esti- mate Acute oral toxicity: 1.716 mg/kg Acute dermal toxicity: 1.465 mg/kg	>= 1 - < 2,5
N'-(3-aminopropyl)-N,N- dimethylpropane-1,3-diamine	10563-29-8 234-148-4 01-2119970376-29- XXXX	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Corr. 1A; H314 Eye Dam. 1; H318 Skin Sens. 1; H317 Acute toxicity esti- mate Acute oral toxicity: 1.669 mg/kg Acute dermal toxicity: 1.310 mg/kg	>= 1 - < 2,5
Substances with a workplace expo			10 00
Quartz (SiO2)	14808-60-7 238-878-4		>= 40 - < 60
calcium carbonate	471-34-1 207-439-9 01-2119486795-18- XXXX		>= 5 - < 10

For explanation of abbreviations see section 16.





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SECTION 4: First aid measures

4.1 Description of first aid measures

4.1 Description of mist and measure	uic	3
General advice	:	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	:	Move to fresh air. Consult a physician after significant exposure.
In case of skin contact	:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.
In case of eye contact	:	Small amounts splashed into eyes can cause irreversible tis- sue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep eye wide open while rinsing.
If swallowed	:	Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
4.2 Most important symptoms ar	nd e	effects, both acute and delayed
Symptoms	:	Allergic reactions Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed information on health effects and symptoms.
Risks	:	irritant effects sensitising effects
		Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage.
4.3 Indication of any immediate	me	dical attention and special treatment needed
Treatment		

Treatment : Treat symptomatically.



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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	:	In case of fire, use water/water spray/water jet/carbon diox-
		ide/sand/foam/alcohol resistant foam/chemical powder for
		extinction.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion prod- :	No hazardous combustion products are known
ucts	

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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protect	tive	equipment and emergency procedures
Personal precautions	:	Use personal protective equipment.
		Deny access to unprotected persons.
6.2 Environmental precautions		
Environmental precautions	:	Do not flush into surface water or sanitary sewer system.
6.3 Methods and material for con	ntain	ment and cleaning up
Methods for cleaning up		Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.
6.4 Reference to other sections		
For personal protection see se	ectio	n 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

section 8). Do not get in eyes, For personal protec Persons with a histo ma, allergies, chron	e given occupational exposure limits (see on skin, or on clothing. ction see section 8. ory of skin sensitisation problems or asth- nic or recurrent respiratory disease should any process in which this mixture is being
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		used. Smoking, eating and drinking should be prohibi plication area. Follow standard hygiene measures when hand products	·
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.	
Hygiene measures	:	Handle in accordance with good industrial hygic practice. When using do not eat or drink. When smoke. Wash hands before breaks and at the e	using do not
7.2 Conditions for safe storage,	inc	luding any incompatibilities	
Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well- place. Store in accordance with local regulation	
Further information on stor- age stability	:	No decomposition if stored and applied as direc	cted.
7.3 Specific end use(s)			
Specific use(s)	:	Consult most current local Product Data Sheet use.	prior to any

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *		
Quartz (SiO2)	14808-60-7	TWA (alveolate dust)	0,15 mg/m3 (Silica)	CH SUVA		
	substances a lished, Carcin tional Safety a istration, Hea Hygiene Labo	Further information: Provisional value - The TWA-values for these substances are, for various reasons, not yet definitively estab- lished, Carcinogenic Category 1, National Institute for Occupa- tional Safety and Health, Occupational Safety and Health Admin- istration, Health and Safety Executive (Occupational Medicine and Hygiene Laboratory), Harm to the unborn child is not to be ex- pected when the OEL-value is respected				
calcium carbonate	471-34-1	TWA (alveolate dust)	3 mg/m3	CH SUVA		
	Further inform Health	Further information: National Institute for Occupational Safety and Health				



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*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 equipm	nent	
Eye/face protection	:	Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water
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. Recommended: Butyl rubber/nitrile rubber gloves. Contaminated gloves should be removed.
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	:	In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe work- ing limits of the selected respirator. Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Meth- ods for determining inhalation exposure). This applies in par- ticular to the mixing / stirring area. In case this is not sufficent to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

Environmental exposure cor	ntrols
General advice	: Do not flush into surface water or sanitary sewer system.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Appearance Colour	: solic : past : grey	e
Odour	: amii	ne-like

Melting point/ range / Freez- : No data available

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ing point			
Boiling point/boiling range	:	No data available	
Flammability (solid, gas)	:	No data available	
Upper/lower flammability or e	avn	losive limits	
Upper explosion limit / Up- per flammability limit	-		
Lower explosion limit / Lower flammability limit	:	No data available	
Flash point	:	> 101 °C Method: closed cup	
Auto-ignition temperature	:	No data available	
		No data available	
		No data available	
Decomposition temperature	:	No data available	
рН	:	alkaline substance/mixture is non-soluble (in water)	
Viscosity			
Viscosity, dynamic	:	ca. 400.000 mPa.s (20 °C)	
Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)	
Solubility(ies)			
Water solubility	:	insoluble	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	No data available	



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Density	: ca. 1,81 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 r	eactivity	
10.1 Reactivity		
No dangerous reaction know	vn under conditions of normal use.	

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions					
Hazardous reactions	:	No hazards to be specially mentioned.			
10.4 Conditions to avoid					
Conditions to avoid	:	No data available			
10.5 Incompatible materials					
Materials to avoid	:	No data available			

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10.6 Hazardous decomposition products

No hazardous decomposition products are known.

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:

Polyoxypropylene diamine:

Acute oral toxicity : LD50 Oral (Rat): 2.880 mg/kg

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Amines, polyethylenepoly-, t	iethylenetetramine fraction:	
Acute oral toxicity	: LD50 Oral (Rat): 1.716 mg/kg	
	Acute toxicity estimate: 1.716 mg/kg Method: Calculation method	
Acute inhalation toxicity	: Assessment: Corrosive to the respiratory tract.	
Acute dermal toxicity	: LD50 Dermal (Rabbit): 1.465 mg/kg	
	Acute toxicity estimate: 1.465 mg/kg Method: Calculation method	
N'-(3-aminopropyl)-N,N-dime	hylpropane-1,3-diamine:	
Acute oral toxicity	: LD50 Oral (Rat): 1.669 mg/kg	
	Acute toxicity estimate: 1.669 mg/kg Method: Calculation method	
Acute dermal toxicity	: LD50 Dermal (Rat): 1.310 mg/kg	
	Acute toxicity estimate: 1.310 mg/kg Method: Calculation method	
Skin corrosion/irritation		
Causes skin irritation.		
Product:		
Method Result	: OECD Test Guideline 435 : Skin irritation	
Remarks	: Expert judgement	
Serious eye damage/eye irrit	ation	
Causes serious eye damage.		
Respiratory or skin sensitisa	ion	
Skin sensitisation May cause an allergic skin read	tion.	
Respiratory sensitisation Not classified due to lack of da	a.	
Germ cell mutagenicity Not classified due to lack of da	a.	
Carcinogenicity Not classified due to lack of da		
Reproductive toxicity		

Not classified due to lack of data.



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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

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

Components:

Polyoxypropylene diamine:

Toxicity to algae/aquatic plants	:	EC50 (Pseudokirchneriella subcapitata (algae)): 15 mg/l Exposure time: 72 h
Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)	:	EC50: 80 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea)

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:

Asse

er R (E	The substance/mixture does not contain components consid- ed to have endocrine disrupting properties according to EACH Article 57(f) or Commission Delegated regulation (U) 2017/2100 or Commission Regulation (EU) 2018/605 at vels of 0.1% or higher.
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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.
Waste code Switzerland VeVA/LVA	: 08 01 11 [S] Paint and varnish waste containing organic solvents or other hazardous substances

SECTION 14: Transport information

14.1 UN number or ID number

IMDG	:	Not regulated as a dangerous good	
ADR	:	Not regulated as a dangerous good	
14.2 UN proper shipping name			
ΙΑΤΑ	:	Not regulated as a dangerous good	
IMDG	:	Not regulated as a dangerous good	
ADR	:	Not regulated as a dangerous good	

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

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Revision Date: 02.12.2024 Version 4.0 Print Date 02.12.2024 Date of last issue: 09.01.2024 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 2 ΙΑΤΑ Not regulated as a dangerous good 5 14.4 Packing group ADR Not regulated as a dangerous good 5 IMDG 2 Not regulated as a dangerous good IATA (Cargo) Not regulated as a dangerous good ÷ IATA (Passenger) Not regulated as a dangerous good 5 14.5 Environmental hazards Not regulated as a dangerous good 14.6 Special precautions for user Not applicable 14.7 Maritime transport in bulk according to IMO instruments Not applicable for product as supplied. **SECTION 15: Regulatory information** 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture International Chemical Weapons Convention (CWC) : Not applicable Schedules of Toxic Chemicals and Precursors **REACH Information:** All substances contained in our Products are

- registered by our upstream suppliers, and/or
- 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): Not applicableREACH - Candidate List of Substances of Very High
Concern for Authorisation (Article 59).: None of the components are listed
(=> 0.1 %).REACH - List of substances subject to authorisation
(Annex XIV): Not applicable

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Regulation (EC) on substances th layer	nat deplete the ozone : Not applicable	
Regulation (EU) 2019/1021 on pe tants (recast)	ersistent organic pollu- : Not applicable	
PIC Ordinance, ChemPICO (814.	.82) : Not applicable	
Ordinance on Protection against Threshold quantity according to N nance (MAO 814.012)		
Chemical Risk Reduction Ordinar (ORRChem, SR 814.81)	nce : Not applicable	
Waters Protection Ordinance (WF Water pollution class :		(5.2)
Volatile organic compounds :	Law on the incentive tax for volatile organi (VOCV) no VOC duties	c compounds
	Directive 2010/75/EU of 24 November 201 emissions (integrated pollution prevention Not applicable	

Other regulations:

Young people undergoing basic vocational training may only work with this product if the relevant training ordinance makes provision for them to do so with a view to enabling them to achieve their training objectives and if the preconditions for the training plan have been met and the applicable age restrictions have been complied with. Young people who are not completing any basic vocational training are not permitted to work with this product. Employees of either sex who are under 18 years old are classed as young people.

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

H302 :	Harmful if swallowed.
H312 :	Harmful in contact with skin.
H314 :	Causes severe skin burns and eye damage.

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H317 :	May cause an allergic s	skin reaction.	
H318 :	Causes serious eye da		
H412 :	Harmful to aquatic life v	with long lasting effects.	
Full text of other abbreviation	S		
Acute Tox. :	Acute toxicity		
Aquatic Chronic :	Long-term (chronic) aq	uatic hazard	
Eye Dam. :	Serious eye damage		
Skin Corr. :	Skin corrosion		
Skin Sens. :	Skin sensitisation	a at the work place	
CH SUVA : CH SUVA / TWA :	Switzerland. Limit value Time Weighted Averag		
ADR :		e concerning the Internation	al Carriage of
	Dangerous Goods by F		al ournage of
CAS :	Chemical Abstracts Se		
DNEL :	Derived no-effect level		
EC50 :	Half maximal effective		
GHS :	Globally Harmonized S		
IATA :	International Air Transp		
IMDG :		Code for Dangerous Good	
LD50 :		e amount of a material, give death of 50% (one half)	
	test animals)	e death of 50% (one hair)	or a group or
LC50 :		ation (concentrations of th	ne chemical in
		test animals during the ol	
	period)	J	
MARPOL :		n for the Prevention of Po	ollution from
		d by the Protocol of 1978	
OEL :	Occupational Exposure		
PBT :	Persistent, bioaccumula		
PNEC :	Predicted no effect con		Derliensent
REACH :		07/2006 of the European 3 December 2006 concert	
		thorisation and Restrictio	
		hing a European Chemica	
SVHC :	Substances of Very Hig		alorigonoy
vPvB :	Very persistent and ver		
Further information			
Classification of the mixture:		Classification procedu	ıre:
Skin Irrit. 2 H	315	Based on product data	or assessment
Eye Dam. 1 H	318	Calculation method	
	047		

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.

Calculation method

H317

Skin Sens. 1

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Changes as compared to previous version !

CH / EN



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