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

## **1.1 Product identifier**

Trade name

: Sikadur<sup>®</sup>-31+ 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 Ireland Ltd
		Sika House
		Ballymun Industrial Estate
		Dublin 11
Telephone	:	+353 1862 0709
E-mail address of person	:	EHS@UK.Sika.com
responsible for the SDS		

## **1.4 Emergency telephone number**

National Poisons Information Centre (NPIC) (01) 809 2166 (available 8am - 10pm every day)

Sika Ireland (01) 862 0709 (available during office hours)

## **SECTION 2: Hazards identification**

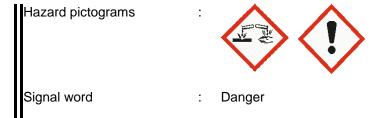
## 2.1 Classification of the substance or mixture

## 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.

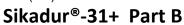
#### 2.2 Label elements

#### 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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Hazard statements :	H317 N	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage.	
Precautionary statements :	P101 P102	If medical advice is needed, have container or label at hand. Keep out of reach of children.	e product
	Prevention:		
	P261 P280	Avoid breathing dust. Wear protective gloves/ eye protection.	ection/ face
	Response:		
	P305 + P351	+ P338 + P310 IF IN EYES: Rinse with water for several minutes. R tact lenses, if present and easy to tinue rinsing. Immediately call a I CENTER/ doctor.	emove con- o 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.

CAS-No.

Registration number

EC-No.

**SECTION 3: Composition/information on ingredients** 

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3.2 Mixtures

Components

Chemical name

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Classification

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Concentration

(% w/w)

#### 9046-10-0 Skin Corr. 1C: H314 >= 3 - < 5 Polyoxypropylene diamine 618-561-0 Eye Dam. 1; H318 01-2119557899-12-Aquatic Chronic 3; H412 XXXX Amines, polyethylenepoly-, tri-90640-67-8 Acute Tox. 4; H302 >= 1 - < 2,5 ethylenetetramine fraction 292-588-2 Acute Tox. 4; H312 Contains: 01-2119487919-13-Skin Corr. 1B; H314 2-(2-aminoethylamino)ethanol <= Skin Sens. 1; H317 XXXX 0.3 % Aquatic Chronic 3; H412 EUH071 Acute toxicity estimate Acute oral toxicity: 1.716 ma/ka Acute dermal toxicity: 1.465 mg/kg N'-(3-aminopropyl)-N,N-10563-29-8 Acute Tox. 4; H302 >= 1 - < 2,5 234-148-4 dimethylpropane-1,3-diamine Acute Tox. 4; H312 01-2119970376-29-Skin Corr. 1A; H314 XXXX Eye Dam. 1; H318 Skin Sens. 1; H317 Acute toxicity estimate Acute oral toxicity: 1.669 mg/kg Acute dermal toxicity: 1.310 mg/kg Substances with a workplace exposure limit : >= 40 - < 60 Quartz (SiO2) 14808-60-7 238-878-4 Limestone 1317-65-3 >= 10 - < 20 Contains: 215-279-6

Crystalline silica >= 0,1 %

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 measu	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 and 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 medical attention and special treatment needed			
Treatment		Treat symptomatically	

Treatment : Treat symptomatically.



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## **SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

ide	case of fire, use water/water spray/water jet/carbon diox- /sand/foam/alcohol resistant foam/chemical powder for inction.
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## 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

Advice on safe handling	: Do not breathe vapours/dust.
-	Avoid exceeding the given occupational exposure limits (see
	section 8).
	Do not get in eyes, on skin, or on clothing.
	For personal protection see section 8.
	Persons with a history of skin sensitisation problems or asth-
	ma, allergies, chronic or recurrent respiratory disease should
	not be employed in any process in which this mixture is being

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Revision Date: 24.04.2025 Version 3.0 Print Date 24.04.2025 Date of last issue: 10.01.2024 used. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products Advice on protection against Normal measures for preventive fire protection. . . fire and explosion Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday. 7.2 Conditions for safe storage, including any incompatibilities Requirements for storage Keep container tightly closed in a dry and well-ventilated : areas and containers place. Store in accordance with local regulations. Further information on stor-No decomposition if stored and applied as directed. : age stability 7.3 Specific end use(s) Specific use(s) Consult most current local Product Data Sheet prior to any use.

## **SECTION 8: Exposure controls/personal protection**

## 8.1 Control parameters

#### **Occupational Exposure Limits**

Components	CAS-No.	Value type (Form	Control parame-	Basis *
		of exposure)	ters *	
Quartz (SiO2)	14808-60-7	OELV - 8 hrs	0,1 mg/m3	IE OEL
		(TWA) (Respira-	(Silica)	
		ble dust)		
	Further inform	ation: Carcinogenic	, see List of Carc	inogenic Sub-
	stances, Mixtu	ures and Processes		
Limestone	1317-65-3	OELV - 8 hrs	4 mg/m3	IE OEL
		(TWA) (Respira-		
		ble dust)		
		OELV - 8 hrs	10 mg/m3	IE OEL
		(TWA) (inhalable	-	
		dust)		

\*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.

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Ensure adequate ventilation, especially in confined areas.

Personal protective equipment				
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 controls				

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	: solid : paste : grey	
Odour	: amine-like	
Melting point/ range / Freez- ing point	: No data available	
Boiling point/boiling range	: No data available	

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Flammability (solid, gas)	:	No data available	
Upper/lower flammability or	exp	plosive limits	
Upper explosion limit / Up- per flammability limit	:	No data available	
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	
Density	:	ca. 1,81 g/cm3 (20 °C)	
Relative vapour density	:	No data available	



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: No data available	
eactivity	
n under conditions of normal use.	
able.	
eactions	
: No hazards to be specially mentioned.	
: No data available	
: No data available	
products	
: No hazardous decomposition products are	
ta contraction of the second s	<ul> <li>No data available</li> </ul> reactivity wn under conditions of normal use. table. reactions <ul> <li>No hazards to be specially mentioned.</li> <li>No data available</li> </ul>

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

Acute toxicity Not classified due to lack of da	ata				
Components:	iia.				
Polyoxypropylene diamine:					
Acute oral toxicity	:	LD50 Oral (Rat): 2.880 mg/kg			
Amines, polyethylenepoly-, triethylenetetramine fraction:					
Acute oral toxicity	:	LD50 Oral (Rat): 1.716 mg/kg			
		Acute toxicity estimate: 1.716 mg/kg Method: Calculation method			

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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-dimet	thy	ylpropane-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.			
<u>Product:</u> Method Result Remarks	:	OECD Test Guideline 435 Skin irritation Expert judgement	
Serious eye damage/eye irrita Causes serious eye damage.	ati	on	
Respiratory or skin sensitisa	tic	on	
<b>Skin sensitisation</b> May cause an allergic skin read	ctic	on.	
<b>Respiratory sensitisation</b> Not classified due to lack of dat	ta.		
Germ cell mutagenicity Not classified due to lack of dat	ta.		
<b>Carcinogenicity</b> Not classified due to lack of dat	ta.		
<b>Reproductive toxicity</b> Not classified due to lack of dat	ta.		
STOT - single exposure Not classified due to lack of dat	ta.		
STOT - repeated exposure Not classified due to lack of dat	ta.		



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## 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..

#### 12.6 Endocrine disrupting properties

1

#### Product:

Assessment

The substance/mixture does not contain components considered to have endocrine disrupting properties according to



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	REACH Article 57(f) or Commission I (EU) 2017/2100 or Commission Regu levels of 0.1% or higher.	
12.7 Other adverse effects		
Product: Additional ecological infor- mation	: There is no data available for this pro	oduct.
SECTION 13: Disposal consid	erations	
13.1 Waste treatment methods		
Product	<ul> <li>The generation of waste should be an wherever possible.</li> <li>Empty containers or liners may retain This material and its container must be way.</li> <li>Dispose of surplus and non-recyclable waste disposal contractor.</li> <li>Disposal of this product, solutions an at all times comply with the requirement protection and waste disposal legislal local authority requirements.</li> <li>Avoid dispersal of spilled material and sewers.</li> </ul>	n some product residues. be disposed of in a safe le products via a licensed ad any by-products should ents of environmental tion and any regional
European Waste Catalogue	: 08 04 09* waste adhesives and seal solvents or other dangerous substant	

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Contaminated packaging	:	15 01 10* packaging containing residues of or contaminated by dangerous substances
		by dangerous substances

## **SECTION 14: Transport information**

## 14.1 UN number or ID number

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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
ΙΑΤΑ	:	Not regulated as a dangerous good

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## 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
ADR IMDG	<ul><li>Not regulated as a dangerous good</li><li>Not regulated as a dangerous good</li></ul>
	<b>o o o</b>

## 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 contain - registered by our ups - registered by us, and - excluded from the reg - exempted from the reg	trea /or gula	tion, and/or
REACH - Restrictions on the mar the market and use of certain dar mixtures and articles (Annex XVII	gerous substances,	:	Not applicable
REACH - Candidate List of Subst Concern for Authorisation (Article		:	None of the components are listed (=> 0.1 %).
REACH - List of substances subje (Annex XIV)	ect to authorisation	:	Not applicable
Regulation (EU) No 2024/590 on	substances that de-	:	Not applicable

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plete the ozone layer		
Regulation (EU) 2019/1021 on tants (recast)	persistent organic pollu- : Not applicat	ble
Regulation (EU) No 649/2012 of ment and the Council concerni of dangerous chemicals		ble
Seveso III: Directive 2012/18/E jor-accident hazards involving	U of the European Parliament and of the C dangerous substances. Not applicable	ouncil on the control of ma-
Volatile organic compounds	: Law on the incentive tax for volatile org (VOCV) no VOC duties	anic compounds
	Directive 2010/75/EU of 24 November 2 livestock rearing emissions (integrated and control) Not applicable	
If other regulatory information a Sheet, then it is described in th	applies that is not already provided elsewhe is subsection.	ere in the Safety Data
Health, safety and environ- mental regulation/legislation specific for the substance or mixture:	: Environmental Protection Act 1990 & S Health and Safety at Work Act 1974 & S Control of Substances Hazardous to He (COSHH) May be subject to the Control of Major A	Subsidiary Regulations ealth Regulations

## 15.2 Chemical safety assessment

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

Regulations (COMAH), and amendments.

## **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.
H317 :	May cause an allergic skin reaction.
H318 :	Causes serious eye damage.
H412 :	Harmful to aquatic life with long lasting effects.

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Full text of other abbreviations	
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Acute Tox. Aquatic Chronic Eye Dam. Skin Corr. Skin Sens. IE OEL	:	Acute toxicity Long-term (chronic) aquatic hazard Serious eye damage Skin corrosion Skin sensitisation Ireland. List of Chemical Agents and Carcinogens with Occu- pational Exposure Limit Values - Code of Practice, Schedule 1 and 2
IE OEL / OELV - 8 hrs (TWA)	:	Occupational exposure limit value (8-hour reference period)
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 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
SVHC	:	Substances of Very High Concern
vPvB	:	Very persistent and very bioaccumulative

## Further information

Classification of the	mixture:	Classification procedure:
Skin Irrit. 2	H315	Based on product data or assessment
Eye Dam. 1	H318	Calculation method
Skin Sens. 1	H317	Calculation method

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.

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Changes as compared to previous version !

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