

Revision Date: 20.01.2025 Date of last issue: 07.01.2025 Version 1.1

Print Date 23.01.2025

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

#### **1.1 Product identifier**

Trade name

: Sikaflex<sup>®</sup> CR 460 Part B

## 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 Nederland B.V.
		Zonnebaan 56
		3542 EG Utrecht
		Nederland
Telephone	:	+31-30-2410120
Telefax	:	+31-30-2414482
E-mail address of person	:	EHS@nl.sika.com
responsible for the SDS		

#### **1.4 Emergency telephone number**

+31-57-0854201

# **SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

Acute toxicity, Category 4	H332: Harmful if inhaled.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Respiratory sensitisation, Category 1	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Carcinogenicity, Category 2	H351: Suspected of causing cancer.
Specific target organ toxicity - single ex- posure, Category 3, Respiratory system	H335: May cause respiratory irritation.
Specific target organ toxicity - repeated exposure, Category 2	H373: May cause damage to organs through pro- longed or repeated exposure if inhaled.

Sikaflex<sup>®</sup> CR 460 Part B

Revision Date: 20.01.2025 Date of last issue: 07.01.2025

#### .01.2025

Labelling (REGULATION (EC) No 1272/2008)

#### 2.2 Label elements

Hazard pictograms :	
Signal word :	Danger
Hazard statements :	<ul> <li>H315 Causes skin irritation.</li> <li>H317 May cause an allergic skin reaction.</li> <li>H319 Causes serious eye irritation.</li> <li>H32 Harmful if inhaled.</li> <li>H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.</li> <li>H335 May cause respiratory irritation.</li> <li>H351 Suspected of causing cancer.</li> <li>H373 May cause damage to organs through prolonged or repeated exposure if inhaled.</li> </ul>
Precautionary statements :	Prevention:P201Obtain special instructions before use.P260Do not breathe mist or vapours.P264Wash skin thoroughly after handling.P280Wear protective gloves/ protective clothing/ eye protection/ face protection.
	Response:P304 + P340 + P312IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.P342 + P311If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.

Version 1.1

#### Hazardous components which must be listed on the label:

Diphenylmethanediisocyanate, isomeres and homologues

- 4,4'-methylenediphenyl diisocyanate
- o-(p-isocyanatobenzyl)phenyl isocyanate
- 2,2'-methylenediphenyl diisocyanate

## Additional Labelling

"As from 24 August 2023 adequate training is required before industrial or professional use."

#### 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.





Revision Date: 20.01.2025 Date of last issue: 07.01.2025 Version 1.1

Print Date 23.01.2025

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.

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

## 3.2 Mixtures

#### Components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
Diphenylmethanediisocyanate, isomeres and homologues	9016-87-9 Not Assigned	Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Resp. Sens. 1; H317 Carc. 2; H351 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373 specific concentration limit Eye Irrit. 2; H319 >= 5 % specific concentration limit Resp. Sens. 1; H334 >= 0,1 % specific concentration limit Skin Irrit. 2; H315 >= 5 % specific concentration limit Skin Irrit. 2; H315 >= 5 %	>=80

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

# Sikaflex<sup>®</sup> CR 460 Part B

Revision Date: 20.01.2025 Date of last issue: 07.01.2025 Version 1.1



te of last issue: 07.01.2025			
4,4'-methylenediphenyl diisocya- nate	101-68-8 202-966-0 01-2119457014-47- XXXX	Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Resp. Sens. 1; H334 Skin Sens. 1; H317 Carc. 2; H351 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373	>= 10 - < 20
		specific concentration limit Eye Irrit. 2; H319 >= 5 %	
		specific concentration limit STOT SE 3; H335 >= 5 %	
		specific concentration limit Skin Irrit. 2; H315 >= 5 %	
		specific concentration limit Resp. Sens. 1; H334 >= 0,1 %	
		Acute toxicity esti- mate	
		Acute inhalation tox- icity (dust/mist): 1,5 mg/l	

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

# Sikaflex<sup>®</sup> CR 460 Part B

Revision Date: 20.01.2025 Date of last issue: 07.01.2025 Version 1.1



e of last issue. 07.01.2025			
o-(p-isocyanatobenzyl)phenyl isocyanate	5873-54-1 227-534-9 01-2119480143-45- XXXX	Acute Tox. 4; H332 Eye Irrit. 2; H319 STOT SE 3; H335 Skin Irrit. 2; H315 Resp. Sens. 1; H334 Skin Sens. 1; H317 Carc. 2; H351 STOT RE 2; H373 $\longrightarrow$ specific concentration limit Eye Irrit. 2; H319 >= 5 %	>= 5 - < 10
		specific concentration limit STOT SE 3; H335 >= 5 %	
		specific concentration limit Skin Irrit. 2; H315 >= 5 %	
		specific concentration limit Resp. Sens. 1; H334 >= 0,1 %	

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

# Sikaflex<sup>®</sup> CR 460 Part B



Revision Date: 20.01.2025 Version 1.1 Print Date 23.01.2025 Date of last issue: 07.01.2025 2,2'-methylenediphenyl diisocya-2536-05-2 Acute Tox. 4; H332 < 0,1 219-799-4 Eye Irrit. 2; H319 nate 01-2119927323-43-STOT SE 3; H335 XXXX Skin Irrit. 2; H315 Resp. Sens. 1; H334 Skin Sens. 1; H317 Carc. 2; H351 STOT RE 2; H373 specific concentration limit Eye Irrit. 2; H319 >= 5 % specific concentration limit STOT SE 3; H335 >= 5 % specific concentration limit Skin Irrit. 2; H315 >= 5 % specific concentration limit Resp. Sens. 1; H334 >= 0,1 %

For explanation of abbreviations see section 16.

# **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

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	: Immediately flush eye(s) with plenty of water.	

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

# Sikaflex<sup>®</sup> CR 460 Part B



Revision Date: 20.01.2025 Date of last issue: 07.01.2025	Version 1.1	Print Date 23.01.2025
	Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.	
If swallowed	Do not induce vomiting without medical advi Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconso	
4.2 Most important symptoms and	effects, both acute and delayed	
Symptoms :	Asthmatic appearance Cough Respiratory disorder Allergic reactions Excessive lachrymation Erythema Headache Dermatitis See Section 11 for more detailed informatior and symptoms.	n on health effects
Risks :	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or b ties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolot exposure if inhaled. irritant effects sensitising effects	-
	-	
4.3 Indication of any immediate me Treatment	edical attention and special treatment neede Treat symptomatically.	ed
SECTION 5: Firefighting measu	ires	
Suitable extinguishing media :	In case of fire, use water/water spray/water j ide/sand/foam/alcohol resistant foam/chemic extinction.	

# 5.2 Special hazards arising from the substance or mixture

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



Revision Date: 20.01.2025 Date of last issue: 07.01.2025	Version 1.1	Print Date 23.01.2025
5.3 Advice for firefighters		
Special protective equipment : for firefighters	In the event of fire, wear self-contained breath	ing apparatus.
Further information :	Standard procedure for chemical fires.	
SECTION 6: Accidental release	measures	
6.1 Personal precautions, protectiv	e 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 sev If the product contaminates rivers and lakes o respective authorities.	
6.3 Methods and material for conta	inment and cleaning up	
Methods for cleaning up :	Soak up with inert absorbent material (e.g. sa acid binder, universal binder, sawdust). Keep in suitable, closed containers for dispos	

#### 6.4 Reference to other sections

For personal protection see section 8.

# **SECTION 7: Handling and storage**

## 7.1 Precautions for safe handling

Advice on safe handling	<ul> <li>Avoid formation of aerosol.</li> <li>Avoid exceeding the given occupational exposure limits (see section 8).</li> <li>Do not get in eyes, on skin, or on clothing.</li> <li>For personal protection see section 8.</li> <li>Persons with a history of skin sensitisation problems or asth-</li> </ul>
	ma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the ap-
	plication area. Provide sufficient air exchange and/or exhaust in work rooms. Follow standard hygiene measures when handling chemical products

Advice on protection against	:	Normal measures for preventive fire protection.



Revision Date: 20.01.2025 Date of last issue: 07.01.2025		Version 1.1	Print Date 23.01.2025
fire and explosion			
Hygiene measures	:	Handle in accordance with good industrial hygie practice. When using do not eat or drink. When smoke. Wash hands before breaks and at the er	using do not
7.2 Conditions for safe storage, i	incl	luding any incompatibilities	
Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well-v place. Containers which are opened must be ca sealed and kept upright to prevent leakage. Stor ance with local regulations.	refully re-
Further information on stor- age stability	:	No decomposition if stored and applied as direct	ed.
7.3 Specific end use(s) Specific use(s)	:	Cleaning with aprotic polar solvents must be ave Consult most current local Product Data Sheet p use.	

# **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 *
Diphenylmethanediisocyanate, isomeres and homologues	9016-87-9	AGW (Inhalable fraction)	0,05 mg/m3 (MDI)	DE TRGS 900
	Further information	ation: Senate comm	ission for the review of com-	
	pounds at the work place dangerous for the health has also estab- lished a BEI-value for the same OEL value in the 'MAK- and BAT- value list'			
o-(p-isocyanatobenzyl)phenyl isocyanate	5873-54-1	TWA (Vapour or aerosols)	0,05 mg/m3	DE TRGS 900
	Further information: Commission for dangerous substances			
2,2'-methylenediphenyl diisocyanate	2536-05-2	TWA (Vapour or aerosols)	0,05 mg/m3	DE TRGS 900
Further information: Commission for dangerous substa				stances

\*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 with side-shields conforming to EN166

Sikaflex<sup>®</sup> CR 460 Part B



Revision Date: 20.01.2025 Version 1.1 Print Date 23.01.2025 Date of last issue: 07.01.2025 Eye wash bottle with pure water Hand protection : Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications. Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min. 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 additionally 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 working limits of the selected respirator. Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular 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. Ensure adequate ventilation, especially in confined areas. **Environmental exposure controls** 

General advice : Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

## **SECTION 9: Physical and chemical properties**

#### 9.1 Information on basic physical and chemical properties

Physical state	: liquid
Colour	: dark brown
Odour	: woody

Melting point/ range / Freez-	:	No data available
-------------------------------	---	-------------------

Sikaflex<sup>®</sup> CR 460 Part B



Revision Date: 20.01.2025 Date of last issue: 07.01.2025	Version 1.1 Print Date 23		Print Date 23.01.2025
ing point			
Boiling point/boiling range	:	No data available	
Flammability (solid, gas)	:	No data available	
Upper/lower flammability or	exp	losive limits	
Upper explosion limit / Up- per flammability limit	:	No data available	
Lower explosion limit / Lower flammability limit	:	No data available	
Flash point	:	220 °C Method: closed cup	
Auto-ignition temperature	:	No data available	
Decomposition temperature	:	No data available	
рН	:	8 - 9 Concentration: 100 %	
Viscosity			
Viscosity, dynamic	:	100 mPa.s	
Viscosity, kinematic	:	No data available	
Solubility(ies)			
Water solubility	:	No data available	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	0,01 hPa	
Density	:	1,25 g/cm3 (20 °C)	
Relative vapour density	:	No data available	
Particle characteristics	:	No data available	11/19



Revision Date: 20.01.2025 Date of last issue: 07.01.2025 Version 1.1

Print Date 23.01.2025

## 9.2 Other information

No data available

## **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

No dangerous reaction known 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	o data available
-----------------------	----	------------------

# 10.5 Incompatible materials

Materials to avoid :	No data available
----------------------	-------------------

## 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

Harmful if inhaled.

#### **Components:**

## Diphenylmethanediisocyanate, isomeres and homologues:

Acute oral toxicity	: LD50 Oral (Rat): > 10.000 mg/kg
Acute inhalation toxicity	: LC50: 1,5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Expert judgement Assessment: The component/mixture is moderately toxic after short term inhalation.
Acute dermal toxicity	: LD50 Dermal (Rabbit): > 9.400 mg/kg



Revision Date: 20.01.2025 Date of last issue: 07.01.2025 Version 1.1

Print Date 23.01.2025

## 4,4'-methylenediphenyl diisocyanate:

Acute oral toxicity	:	LD50 Oral (Rat): > 5.000 mg/kg Method: OECD Test Guideline 401
Acute inhalation toxicity	:	LC50: 1,5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Expert judgement
		Acute toxicity estimate: 1.5 mg/l

Test atmosphere: dust/mist Method: Calculation method

#### Skin corrosion/irritation

Causes skin irritation.

## Serious eye damage/eye irritation

Causes serious eye irritation.

### Respiratory or skin sensitisation

#### Skin sensitisation

May cause an allergic skin reaction.

#### Respiratory sensitisation

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

#### Germ cell mutagenicity

Not classified due to lack of data.

#### Carcinogenicity

Suspected of causing cancer.

## **Reproductive toxicity**

Not classified due to lack of data.

#### STOT - single exposure

May cause respiratory irritation.

#### STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure if inhaled.

2

### 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



Revision Date: 20.01.2025 Date of last issue: 07.01.2025 Version 1.1

Print Date 23.01.2025

(EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

# **SECTION 12: Ecological information**

## 12.1 Toxicity

#### Components:

#### Diphenylmethanediisocyanate, isomeres and homologues:

Toxicity to fish	:	LC50 (Brachydanio rerio (zebrafish)): > 1.000 mg/l Exposure time: 96 h
Toxicity to algae/aquatic plants	:	EC50 (Desmodesmus subspicatus (green algae)): > 1.640 mg/l Exposure time: 72 h

## 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**

#### 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		



Revision Date: 20.01.2025 Date of last issue: 07.01.2025 Version 1.1

# **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.

## **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
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 dangerous good



Revision Date: 20.01.2025 Date of last issue: 07.01.2025 Version 1.1

Print Date 23.01.2025

#### 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 : Conditions of restriction for the folthe market and use of certain dangerous substances, lowing entries should be considered: mixtures and articles (Annex XVII) Number on list 3 Number on list 56: Diphenylmethanediisocyanate, isomeres and homologues, 4,4'-methylenediphenyl diisocyanate, o-(pisocyanatobenzyl)phenyl isocyanate Number on list 74: Diphenylmethanediisocyanate, isomeres and homologues, 4,4'-methylenediphenyl diisocyanate, o-(pisocyanatobenzyl)phenyl isocyanate, 2,2'-methylenediphenyl diisocyanate Number on list 75: REACH - Candidate List of Substances of Very High : None of the components are listed Concern for Authorisation (Article 59). (=> 0.1 %). REACH - List of substances subject to authorisation : Not applicable (Annex XIV) Regulation (EC) on substances that deplete the ozone : Not applicable layer





Revision Date: 20.01.2025 Date of last issue: 07.01.2025	Version 1.1	Print Date 23.01.2025		
Regulation (EU) 2019/1021 on pe tants (recast)	rsistent organic pollu- : Not applicable			
	Regulation (EU) No 649/2012 of the European Parlia- : Not applicable ment and the Council concerning the export and import of dangerous chemicals			
Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of ma- jor-accident hazards involving dangerous substances. Not applicable				
Volatile organic compounds :	Law on the incentive tax for volatile organic (VOCV) no VOC duties	compounds		
	Directive 2010/75/EU of 24 November 2010 emissions (integrated pollution prevention a Not applicable			

## 15.2 Chemical safety assessment

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

# **SECTION 16: Other information**

- 10076896)Full text of H-Statements					
H315	:	Causes skin irritation.			
H317	:	May cause an allergic skin reaction.			
H319	:	Causes serious eye irritation.			
H332	:	Harmful if inhaled.			
H334	:	May cause allergy or asthma symptoms or breathing difficul- ties if inhaled.			
H335	:	May cause respiratory irritation.			
H351	:	Suspected of causing cancer.			
H373	:	May cause damage to organs through prolonged or repeated exposure.			
H373	:	May cause damage to organs through prolonged or repeated exposure if inhaled.			
Full text of other abbreviations					
Acute Tox.	:	Acute toxicity			
Carc.	:	Carcinogenicity			
Eye Irrit.	:	Eye irritation			
Resp. Sens.	:	Respiratory sensitisation			
Skin Irrit.	:	Skin irritation			
Skin Sens.	:	Skin sensitisation			
STOT RE	:	Specific target organ toxicity - repeated exposure			
STOT SE	:	Specific target organ toxicity - single exposure			

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

# Sikaflex<sup>®</sup> CR 460 Part B

**Jika**®

Date of last issue: 07.01.2025

Version 1.1

DE TRGS 900	:	Germany. TRGS 900 - Occupational exposure limit values.
DE TRGS 900 / TWA	:	Time weighted average
DE TRGS 900 / AGW	:	
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
IATA	÷	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	Classification procedure:	
Acute Tox. 4	H332	Calculation method
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
Resp. Sens. 1	H334	Calculation method
Skin Sens. 1	H317	Calculation method
Carc. 2	H351	Calculation method
STOT SE 3	H335	Calculation method
STOT RE 2	H373	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.

Changes as compared to previous version !

# Revision Date: 20.01.2025 Date of last issue: 07.01.2025

NL / EN

Version 1.1

