

Revision Date: 10.01.2025 Date of last issue: 09.01.2024 Version 5.0

Print Date 10.01.2025

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

1.1 Product identifier

Trade name

: SikaForce[®]-100 CT7

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)

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.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

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



SikaForce®-100 CT7

Revision Date: 10.01.2025 Date of last issue: 09.01.2024 Version 5.0

Print Date 10.01.2025

Hazard pictograms	:		
Signal word	:	Danger	
Hazard statements	:	H315 H317 H319 H334 H335 H351 H373	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause allergy or asthma symptoms or breath- ing difficulties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure if inhaled.
Precautionary statements	:	Prevention P201 P260 P264 P280	: Obtain special instructions before use. Do not breathe mist or vapours. Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection.
		Response:	
		P304 + P34 P342 + P31	air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.

Hazardous components which must be listed on the label:

Diphenylmethanediisocyanate, isomeres and homologues

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.

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.

SikaForce®-100 CT7



Revision Date: 10.01.2025 Date of last issue: 09.01.2024 Version 5.0

Print Date 10.01.2025

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Components			
Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Registration number		
Diphenylmethanediisocyanate,	9016-87-9	Acute Tox. 4; H332	>= 10 - < 20
isomeres and homologues	Not Assigned	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	
		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	
		STOT SE 3; H335	
		>= 5 %	
		>= 3 70	

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.

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

SikaForce[®]-100 CT7



vision Date: 10.01.2025 te of last issue: 09.01.2024	Version 5.0	Print Date 10.01.2
	Show this safety data sheet to the	doctor in attendance.
If inhaled	: Move to fresh air. Consult a physician after significar	nt exposure.
In case of skin contact	: Take off contaminated clothing and Wash off with soap and plenty of v If symptoms persist, call a physicia	water.
In case of eye contact	: Immediately flush eye(s) with plen Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a s	
If swallowed	: Do not induce vomiting without me Rinse mouth with water. Do not give milk or alcoholic bever Never give anything by mouth to a	rages.
? Most important symptoms	and effects, both acute and delayed	
Symptoms	: Asthmatic appearance Cough Respiratory disorder Allergic reactions Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed i and symptoms.	information on health effects
Risks	: irritant effects sensitising effects	
	Causes skin irritation. May cause an allergic skin reaction Causes serious eye irritation. May cause allergy or asthma symp ties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs thro exposure if inhaled.	ptoms or breathing difficul-
	Causes skin irritation. May cause an allergic skin reaction Causes serious eye irritation. May cause allergy or asthma symp ties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs thro	ptoms or breathing difficul-

SikaForce[®]-100 CT7



Revision Date: 10.01.2025 Date of last issue: 09.01.2024	Version 5.0	Print Date 10.01.2025
4.3 Indication of any immediate me	edical attention and special treatment nee	ded
Treatment	Treat symptomatically.	ueu
SECTION 5: Firefighting measu	res	_
5.1 Extinguishing media		
Suitable extinguishing media :	In case of fire, use water/water spray/wate ide/sand/foam/alcohol resistant foam/chen extinction.	
5.2 Special hazards arising from th	e substance or mixture	
Hazardous combustion prod- : ucts	No hazardous combustion products are kr	nown
5.3 Advice for firefighters		
Special protective equipment : for firefighters	In the event of fire, wear self-contained bre	eathing apparatus.
Further information :	Standard procedure for chemical fires.	
SECTION 6: Accidental release	measures	

6.1 Personal precautions, protective 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. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

SikaForce[®]-100 CT7



Revision Date: 10.01.2025 Date of last issue: 09.01.2024		Version 5.0	Print Date 10.01.2025
Advice on safe handling	:	Avoid formation of aerosol. Avoid exceeding the given occupational esection 8). Do not get in eyes, on skin, or on clothing For personal protection see section 8. Persons with a history of skin sensitisatio ma, allergies, chronic or recurrent respira not be employed in any process in which used. Smoking, eating and drinking should be p plication area. Follow standard hygiene measures when products	g. on problems or asth- atory disease should this mixture is being prohibited in the ap-
Advice on protection against fire and explosion	:	Normal measures for preventive fire prote	ection.
Hygiene measures	:	Handle in accordance with good industria practice. When using do not eat or drink. smoke. Wash hands before breaks and a	When 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 place. Containers which are opened mus sealed and kept upright to prevent leakage ance with local regulations.	t be carefully re-
Further information on stor- age stability	:	No decomposition if stored and applied a	s directed.
7.3 Specific end use(s)			
Specific use(s)	:	Cleaning with aprotic polar solvents must Consult most current local Product Data 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	9016-87-9	AGW (Inhalable	0,05 mg/m3	DE TRGS 900
and homologues		fraction)	(MDI)	
	Further information: Senate commission for the review of com- pounds at the work place dangerous for the health has also estab-			
	lished a BEI-va value list'	alue for the same O	EL value in the 'M	AK- and BAT-



Print Date 10.01.2025

SikaForce [®] -100	CT7
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Revision Date: 10.01.2025	Version 5.0
Date of last issue: 09.01.2024	

*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

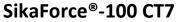
Engineering measures

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 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. 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 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. Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk as- sessment 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 - 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.
	If the product contaminates rivers and lakes or drains inform
	respective authorities.





Revision Date: 10.01.2025 Date of last issue: 09.01.2024 Version 5.0

Print Date 10.01.2025

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

information on basic physical	an	a chemical properties
Physical state Appearance Colour	:	liquid viscous liquid various
Odour	:	slight
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 e	vn	losivo 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
Decomposition temperature	:	No data available
рН	:	No data available
Viscosity Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)
Solubility(ies) Water solubility	:	insoluble
Partition coefficient: n- octanol/water	:	No data available

SAFETY DATA SHEET according to Regulation (EC) No. 1

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

SikaForce®-100 CT7



Revision Date: 10.01.2025 Date of last issue: 09.01.2024		Version 5.0	Print Date 10.01.2025
Vapour pressure		: 0,01 hPa	
Density		: ca. 1,12 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	eac	tivity	
10.1 Reactivity			
No dangerous reaction know	/n u	nder conditions of normal use.	
10.2 Chemical stability			
The product is chemically st	able		
10.3 Possibility of hazardous r	eac	ions	
Hazardous reactions		: No hazards to be specially mentioned	l.
10.4 Conditions to avoid			
Conditions to avoid		: No data available	

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

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

Acute toxicity

Not classified based on available information. Not classified due to lack of data.

Components:

Diphenylmethanediisocyanate, isomeres and homologues:

Acute oral toxicity : LD50 Oral (Rat): > 10.000 mg/kg

SikaForce[®]-100 CT7



Revision Date: 10.01.2025 Version 5.0 Print Date 10.01.2025 Date of last issue: 09.01.2024 Acute inhalation toxicity : LC50: 1.5 ma/l Exposure time: 4 h Test atmosphere: dust/mist Method: Expert judgement Assessment: The component/mixture is moderately toxic after short term inhalation. LD50 Dermal (Rabbit): > 9.400 mg/kg Acute dermal toxicity Skin corrosion/irritation Causes skin irritation. Causes skin irritation. Serious eye damage/eye irritation Causes serious eye irritation. Causes serious eye irritation. Respiratory or skin sensitisation Skin sensitisation May cause an allergic skin reaction. Skin sensitisation May cause an allergic skin reaction. **Respiratory sensitisation** May cause allergy or asthma symptoms or breathing difficulties if inhaled. **Respiratory sensitisation** May cause allergy or asthma symptoms or breathing difficulties if inhaled. Germ cell mutagenicity Not classified based on available information. Not classified due to lack of data. Carcinogenicity Suspected of causing cancer. Suspected of causing cancer. **Reproductive toxicity** Not classified based on available information. Not classified due to lack of data. STOT - single exposure May cause respiratory irritation. May cause respiratory irritation. STOT - repeated exposure May cause damage to organs through prolonged or repeated exposure if inhaled. May cause damage to organs through prolonged or repeated exposure if inhaled. Aspiration toxicity Not classified based on available information.



Revision Date: 10.01.2025 Date of last issue: 09.01.2024 Version 5.0

Print Date 10.01.2025

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:

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 consid-
	ered to have endocrine disrupting properties according to
	REACH Article 57(f) or Commission Delegated regulation



Print Date 10.01.2025

Date of last issue: 09.01.2024		
		(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- mation	:	There is no data available for this product.

Version 5.0

SECTION 13: Disposal considerations

13.1 Waste treatment methods

SikaForce[®]-100 CT7

Revision Date: 10.01.2025

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

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

SikaForce®-100 CT7



Revision Date: 10.01.2025 Version 5.0 Print Date 10.01.2025 Date of last issue: 09.01.2024 14.4 Packing group ADR Not regulated as a dangerous good : IMDG Not regulated as a dangerous good : IATA (Cargo) 2 Not regulated as a dangerous good IATA (Passenger) Not regulated as a dangerous good : 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 Conditions of restriction for the fol-2 the market and use of certain dangerous substances, lowing entries should be considered: mixtures and articles (Annex XVII) Number on list 3 Banned and/or restricted 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

Regulation (EU) 2019/1021 on persistent organic pollu- : Not applicable

SikaForce[®]-100 CT7



Revision Date: 10.01.2025 Version 5.0 Print Date 10.01.2025 Date of last issue: 09.01.2024 tants (recast) 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 major-accident hazards involving dangerous substances. Not applicable Volatile organic compounds : Law on the incentive tax for volatile organic compounds (VOCV) no VOC duties Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) 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

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Full text of H-Statements		
H315 H317 H319 H332 H334 H335 H351 H373		Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficul- ties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure if inhaled.
Full text of other abbreviatio	าร	
Acute Tox.		Acute toxicity
Carc.		Carcinogenicity
Eye Irrit.		Eye irritation
Resp. Sens.		Respiratory sensitisation
Skin Irrit. Skin Sens.	-	Skin irritation
STOT RE	-	Skin sensitisation Specific target organ toxicity - repeated exposure
STOT SE		Specific target organ toxicity - single exposure
DE TRGS 900		Germany. TRGS 900 - Occupational exposure limit values.
DE TRGS 900 / AGW		Time Weighted Average
ADR		European Agreement concerning the International Carriage of

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

SikaForce®-100 CT7

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Revision Date: 10.01.2025 Date of last issue: 09.01.2024	Version 5.0	Print Date 10.01.2025
	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 Go	
LD50 :	Median lethal dosis (the amount of a material,	given all at
	once, which causes the death of 50% (one half	i) 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 I	Pollution from
	Ships, 1973 as modified by the Protocol of 197	8
OEL :	Occupational Exposure Limit	
PBT :	Persistent, bioaccumulative and toxic	
PNEC :	Predicted no effect concentration	
REACH :	Regulation (EC) No 1907/2006 of the Europea	n Parliament
	and of the Council of 18 December 2006 conce	erning the Reg-
	istration, Evaluation, Authorisation and Restrict	tion of Chemi-
	cals (REACH), establishing a European Chemi	cals Agency
SVHC :	Substances of Very High Concern	
vPvB :	Very persistent and very bioaccumulative	

Further information

Classification of the	e mixture:	Classification procedure:
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 !

NL / EN

SikaForce[®]-100 CT7

Revision Date: 10.01.2025 Date of last issue: 09.01.2024 Version 5.0

Print Date 10.01.2025

