

Date of last issue: 24.10.2022	Version 4.1	Print Date 10.01.2024
Revision Date: 08.06.2023		

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 Limited
		Watchmead Welwyn Garden City
		Hertfordshire. AL7 1BQ
Telephone	:	+44 (0)1707 394444
Telefax	:	+44 (0)1707 329129
E-mail address of person	:	EHS@uk.sika.com
responsible for the SDS		-

1.4 Emergency telephone number

National Chemical Emergency Centre (NCEC) 24 Hour Emergency Telephone Number +44 870 190 6777

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skin irritation, Category 2 Eye irritation, Category 2 Respiratory sensitisation, Category 1

Skin sensitisation, Category 1 Carcinogenicity, Category 2 Specific target organ toxicity - single exposure, Category 3, Respiratory system Specific target organ toxicity - repeated exposure, Category 2

Signal word

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317: May cause an allergic skin reaction.

H351: Suspected of causing cancer.

H335: May cause respiratory irritation.

H373: May cause damage to organs through prolonged or repeated exposure if inhaled.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

:

Hazard pictograms



SikaForce®-100 CT7

Date of last issue: 24.10.2022 Revision Date: 08.06.2023	V	ersion 4.1	Print Date 10.01.2024
	110.45		
Hazard statements :	H315	Causes skin irritation.	- 4:
	H317 H319	May cause an allergic skin read Causes serious eye irritation.	cuon.
	H334	May cause allergy or asthma s	vmptoms or
	11004	breathing difficulties if inhaled.	
	H335	May cause respiratory irritation	
	H351	Suspected of causing cancer.	•
	H373	May cause damage to organs t	through pro-
		longed or repeated exposure if	
Precautionary statements :	Prevention:		
-	P201	Obtain special instructions before	ore use.
	P260	Do not breathe mist or vapours	
	P264	Wash skin thoroughly after han	
	P280	Wear protective gloves/ protection.	
	Response:		
	P304 + P340 +	P312 IF INHALED: Remove pe	arson to fresh
	F 304 + F 340 +	air and keep comfortable for br POISON CENTER/ doctor if yo	eathing. Call a
	P308 + P313	IF exposed or concerned: Get vice/ attention.	

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

Date of last issue: 24.10.2022 Revision Date: 08.06.2023 Version 4.1

Print Date 10.01.2024

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; H334 Skin Sens. 1; H317 Carc. 2; H351 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373 	>= 10 - < 20

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	ce.
If inhaled	: Move to fresh air. Consult a physician after significant exposure.	
In case of skin contact	: Take off contaminated clothing and shoes immediate Wash off with soap and plenty of water. If symptoms persist, call a physician.	ly.
In case of eye contact	 Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. 	



Date of last issue: 24.10.2022 Revision Date: 08.06.2023	Version 4.1	Print Date 10.01.2024
	If eye irritation persists, consult a specialist.	
If swallowed	 Do not induce vomiting without medical adv Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconst 	
4.2 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 information and symptoms.	on 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 symptoms or ties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through proto exposure if inhaled.	-
4.3 Indication of any immediate m	edical attention and special treatment need	ed
Treatment	Treat symptomatically.	

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 t	the	substance or mixture

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



Date of last issue: 24.10.2022 Revision Date: 08.06.2023		Version 4.1	Print Date 10.01.2024
5.3 Advice for firefighters			
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing	j apparatus.
Further information	:	Standard procedure for chemical fires.	
SECTION 6: Accidental releas	se r	neasures	
6.1 Personal precautions, protec	tiv	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 sewer If the product contaminates rivers and lakes or de respective authorities.	
6.3 Methods and material for cor	ntai	nment and cleaning up	
Methods for cleaning up	:	Soak up with inert absorbent material (e.g. sand, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.	silica gel,
6 4 Deference to other costions			

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	:	 Avoid formation of aerosol. 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 asthma, 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 application area. Follow standard hygiene measures when handling chemical products
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.



Date of last issue: 24.10.2022 Revision Date: 08.06.2023		Version 4.1	Print Date 10.01.2024
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 e	using do not
7.2 Conditions for safe storage, i	nc	luding any incompatibilities	
Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well-well-well-well-well-well-well-well	refully re-
Further information on stor- age stability	:	No decomposition if stored and applied as direc	ted.
7.3 Specific end use(s)			
Specific use(s)	:	Cleaning with aprotic polar solvents must be ave Consult most current local Product Data Sheet j 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 *	
Diphenylmethanediisocyanate, isomeres and homologues	9016-87-9	TWA	0,02 mg/m3 (NCO)	GB EH40
and nonologues		1		
	Further information: Capable of causing occupational asthma.			al asthma.
		STEL	0,07 mg/m3	GB EH40
			(NCO)	

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

Biological occupational exposure limits

Substance name	CAS-No.	Control parame- ters	Sampling time	Basis
Diphenylmethanediisocyanate, iso- meres and homologues	9016-87-9	isocyanate- derived diamine (Isocyanates): 1 µmol/mol creati- nine (Urine)	At the end of the period of expo- sure	GB EH40 BAT

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



Date of last issue: 24.10.2022 Revision Date: 08.06.2023	Version 4.1	Print Date 10.01.2024
Hand protection	 Chemical-resistant, impervious gloves comp proved standard must be worn at all times w chemical products. Reference number EN 37 facturer specifications. Suitable for short time use or protection agai 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. 	hen handling 74. Follow manu- nst splashes:
Skin and body protection	 Protective clothing (e.g. Safety shoes acc. to long-sleeved working clothing, long trousers) and protective boots are additionaly recomm and stirring work.). Rubber aprons
Respiratory protection	 In case of inadequate ventilation wear respir Respirator selection must be based on know exposure levels, the hazards of the product a ing limits of the selected respirator. Use a properly fitted NIOSH approved air-pu respirator complying with an approved stand sessment indicates this is necessary. organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: < 100 Ensure adequate ventilation. This can be acl exhaust extraction or by general ventilation. ods for determining inhalation exposure). This ticular to the mixing / stirring area. In case the to keep the concentrations under the occupal limits then respiration protection measures m	n or anticipated and the safe work- nifying or air-fed ard if a risk as- 00 ppm hieved by local (EN 689 - Meth- is applies in par- is is not sufficent ttional exposure
Environmental exposure co	ntrols	
General advice	: Do not flush into surface water or sanitary se If the product contaminates rivers and lakes	

respective authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Appearance Colour Odour	:	liquid viscous liquid various slight
Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	No data available



_

Date of last issue: 24.10.2022 Revision Date: 08.06.2023		Version 4.1	Print Date 10.01.2024
Flammability (solid, gas)	:	No data available	
Upper/lower flammability or e	exp	losive 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	
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	
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			

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.



ate of last issue: 24.10.2022 evision Date: 08.06.2023	Version 4.1	Print Date 10.01.202
0.4 Conditions to avoid		
Conditions to avoid	: No data available	
0.5 Incompatible materials		
Materials to avoid	: No data available	
0.6 Hazardous decomposition No decomposition if stored a	-	
ECTION 11: Toxicological	nformation	
1.1 Information on hazard clas	ses as defined in Regulation (EC) No 12	272/2008
Acute toxicity		
Not classified based on avai <u>Components:</u>	able information.	
Acute oral toxicity	a te, isomeres and homologues: : 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 short term inhalation.	e is moderately toxic after
Acute dermal toxicity	: LD50 Dermal (Rabbit): > 9.400 mg/kg	g
Skin corrosion/irritation Causes skin irritation.		
Serious eye damage/eye ir		
Causes serious eye irritation		
Respiratory or skin sensiti	sation	
Skin sensitisation May cause an allergic skin r	action.	

Germ cell mutagenicity

Not classified based on available information.



Print Date 10.01.2024

SikaForce®-100 CT7

Date of last issue: 24.10.2022

Revision Date: 08.06.2023		
Carcinogenicity Suspected of causing cancer.		
Reproductive toxicity Not classified based on available inform	nation.	
STOT - single exposure May cause respiratory irritation.		
STOT - repeated exposure May cause damage to organs through p	prolonged or repeated exposu	re if inhaled.
Aspiration toxicity Not classified based on available inform	nation.	

Version 4.1

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



Date of last issue: 24.10.2022 Revision Date: 08.06.2023		Version 4.1	Print Date 10.01.2024
12.5 Results of PBT and vPvB	asse	ssment	
Product:			
Assessment	:	This substance/mixture contains no comp to be either persistent, bioaccumulative a very persistent and very bioaccumulative 0.1% or higher	and toxic (PBT), or
12.6 Endocrine disrupting prop	oertie	S	
Product:			
Assessment	:	The substance/mixture does not contain ered to have endocrine disrupting proper REACH Article 57(f) or Commission Dele (EU) 2017/2100 or Commission Regulation levels of 0.1% or higher.	ties according to
12.7 Other adverse effects			
Product:			
Additional ecological infor- mation	:	There is no data available for this produc	t.
SECTION 13: Disposal cons	ider	ations	_
13.1 Waste treatment methods			
Product	:	The generation of waste should be avoid wherever possible. Empty containers or liners may retain sor	

This material and its container must be disposed of in a safe

Dispose of surplus and non-recyclable products via a licensed

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

Avoid dispersal of spilled material and runoff and contact with

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	

way.

waste disposal contractor.

local authority requirements.

soil, waterways, drains and sewers.



Date of last issue: 24.10.2022 Revision Date: 08.06.2023	Version 4.1	Print Date 10.01.202
ΙΑΤΑ	: Not regulated as a dangerous good	
14.2 UN proper shipping na	с с с	
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	s(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 hazard Not regulated as a dang	-	
14.6 Special precautions fo Not applicable	r user	
14.7 Maritime transport in the Not applicable for produ	oulk according to IMO instruments ct as supplied.	

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17)	:	Conditions of restriction for the fol- lowing entries should be considered: Diphenylmethanediisocyanate, iso- meres and homologues (Number on list 56)
International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors	:	Not applicable
Regulation (EC) No 1005/2009 on substances that de- plete the ozone layer	:	Not applicable
GB Export and import of hazardous chemicals - Prior	:	Not applicable



Date of last issue: 24.10.2022 Revision Date: 08.06.2023	Version 4.1	Print Date 10.01.2024
Informed Consent (PIC) Regulat	ion	
Control of Major Accident Hazard 2015 (COMAH)	ds Regulations Not applicable	
Volatile organic compounds :	Law on the incentive tax for volatile organic co (VOCV) no VOC duties	ompounds
	Directive 2010/75/EU of 24 November 2010 o emissions (integrated pollution prevention and Not applicable	
If other regulatory information ap Sheet, then it is described in this	plies that is not already provided elsewhere in th subsection.	ne Safety Data
Health, safety and environ- mental regulation/legislation specific for the substance or mixture:	Environmental Protection Act 1990 & Subsidia Health and Safety at Work Act 1974 & Subsid Control of Substances Hazardous to Health R (COSHH)	ary Regulations

(COSHH) May be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments.

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

I dil toxt of IT otatomon	
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 if inhaled.
Full text of other abbrev	viations
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



Date of last issue: 24.10.2022 Revision Date: 08.06.2023		Version 4.1	Print Date 10.01.2024	
GB EH40	:	UK. EH40 WEL - Workplace Exposure Limits		
GB EH40 BAT	:	UK. Biological monitoring guidance values		
GB EH40 / TWA	:	Long-term exposure limit (8-hour TWA reference		
GB EH40 / STEL	:	Short-term exposure limit (15-minute reference		
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 Goo	ods	
LD50	:	Median lethal dosis (the amount of a material, g		
		once, which causes the death of 50% (one half		
		test animals)	0	
LC50	:	Median lethal concentration (concentrations of	the chemical in	
		air that kills 50% of the test animals during the		
		period)		
MARPOL	:	International Convention for the Prevention of F	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 Europear	Parliament	
		and of the Council of 18 December 2006 conce		
		istration, Evaluation, Authorisation and Restrict		
		cals (REACH), establishing a European Chemi		
SVHC	•	Substances of Very High Concern		
vPvB		Very persistent and very bioaccumulative		
	•			

Further information

Classification of the r	nixture:	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 !



Date of last issue: 24.10.2022 Revision Date: 08.06.2023 Version 4.1

Print Date 10.01.2024

GB / EN