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

1.1 Product identifier

Trade name : SikaForce[®]-100 CT14 (formerly SikaForce-7100 L14)

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 2H315: Causes skin irritation.Eye irritation, Category 2H319: Causes serious eye irritation.Respiratory sensitisation, Category 1H334: May cause allergy or asthma symptoms or
breathing difficulties if inhaled.Skin sensitisation, Category 1H317: May cause an allergic skin reaction.Carcinogenicity, Category 2H351: Suspected of causing cancer.Specific target organ toxicity - single exposure, Category 3, Respiratory systemH335: May cause respiratory irritation.

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms	:		!
Signal word	:	Danger	·
Hazard statements	:	H315	Causes skin irritation.

Country GB 000000132802



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	H317	May cause an allergic skin react	ion
	H319	Causes serious eye irritation.	
	H334	May cause allergy or asthma sy	notoms or
	11554	breathing difficulties if inhaled.	
	H335	May cause respiratory irritation.	
	H351	Suspected of causing cancer.	
	Prevention:		
Precautionary statements :			
	P201	Obtain special instructions befor	
	P261	Avoid breathing mist or vapours.	
	P264	Wash skin thoroughly after hand	ling.
	P280	Wear protective gloves/ protective	/e clothing/
		eye protection/ face protection.	
	Response:		
	P304 + P340 + F	P312 IF INHALED: Remove per	son to fresh
		air and keep comfortable for bre	
		POISON CENTER/ doctor if you	
	P342 + P311	If experiencing respiratory symp	
		POISON CENTER/ doctor.	

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.



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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
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 	>= 5 - < 10

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



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	If eye irritation persists, consi	ult a specialist.
If swallowed	: Do not induce vomiting witho Rinse mouth with water. Do not give milk or alcoholic Never give anything by mouth	beverages.
4.2 Most important symptoms ar	l effects, both acute and delay	ed
Symptoms	 Asthmatic appearance Cough Respiratory disorder Allergic reactions Excessive lachrymation Erythema Dermatitis See Section 11 for more deta and symptoms. 	ailed information on health effects
Risks	: irritant effects sensitising effects	
	Causes skin irritation. May cause an allergic skin re Causes serious eye irritation. May cause allergy or asthma ties if inhaled. May cause respiratory irritation Suspected of causing cancer	symptoms or breathing difficul-
4.3 Indication of any immediate r Treatment	edical attention and special tro	eatment needed
SECTION 5: Firefighting meas	ures	
5.1 Extinguishing media		
	: In case of fire, use water/wate ide/sand/foam/alcohol resista extinction.	er spray/water jet/carbon diox- ant foam/chemical powder for
5.1 Extinguishing media	ide/sand/foam/alcohol resista extinction.	
 5.1 Extinguishing media Suitable extinguishing media 5.2 Special hazards arising from 	ide/sand/foam/alcohol resista extinction.	ant foam/chemical powder for
 5.1 Extinguishing media Suitable extinguishing media 5.2 Special hazards arising from Hazardous combustion prod- ucts 	ide/sand/foam/alcohol resista extinction. he substance or mixture	ant foam/chemical powder for
 5.1 Extinguishing media Suitable extinguishing media 5.2 Special hazards arising from Hazardous combustion prod- ucts 5.3 Advice for firefighters 	ide/sand/foam/alcohol resista extinction. he substance or mixture	oducts are known



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Further information :	Standard procedure for chemical fires.	
SECTION 6: Accidental release	measures	
• • •	e equipment and emergency procedures Use personal protective equipment. Deny access to unprotected persons.	
6.2 Environmental precautions	, , , ,	
Environmental precautions :	Do not flush into surface water or sanitary sew If the product contaminates rivers and lakes or 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. san acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposa	

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.
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.



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7.2 Conditions for safe storage,	inc	luding any incompatibilities	
Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well- place. Containers which are opened must be c sealed and kept upright to prevent leakage. Sto ance with local regulations.	arefully re-
Further information on stor- age stability	:	No decomposition if stored and applied as dire	cted.
7.3 Specific end use(s) Specific use(s)	:	Cleaning with aprotic polar solvents must be av Consult most current local Product Data Sheet 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	TWA	0,02 mg/m3 (NCO)	GB EH40
	Further information: Capable of causing occupational asthma.			
		STEL	0,07 mg/m3 (NCO)	GB EH40

*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

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.	Eye/face protection	 Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water
	Hand protection	proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu-



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	Suitable for short time use or protection aga 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 long-sleeved working clothing, long trousers and protective boots are additionaly recomm and stirring work). Rubber aprons		
Respiratory protection	 and stirring work. 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 cont	rols			
General advice	: Do not flush into surface water or sanitary set 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
Flammability (solid, gas)	:	No data available

Upper/lower flammability or explosive limits



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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	:	Not applicable	
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

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 data available



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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.

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			
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 rea	actio	on.			
Respiratory sensitisation May cause allergy or asthma symptoms or breathing difficulties if inhaled.					
Germ cell mutagenicity Not classified based on availa	ble	information.			
Carcinogenicity					

Suspected of causing cancer.



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Reproductive toxicity

Not classified based on available information.

STOT - single exposure

May cause respiratory irritation.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

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:

2

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



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	to be either persistent, bioaccumulative very persistent and very bioaccumulati 0.1% or higher	
12.6 Endocrine disrupting prope	ties	
Product:		
Assessment	: The substance/mixture does not conta ered to have endocrine disrupting prop REACH Article 57(f) or Commission De (EU) 2017/2100 or Commission Regula levels of 0.1% or higher.	erties according to elegated regulation
12.7 Other adverse effects		
Product:		
Additional ecological infor- mation	: There is no data available for this prod	uct.
SECTION 13: Disposal consid	erations	
13.1 Waste treatment methods		
Product	: The generation of waste should be avo	bided or minimized

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		
Country GB 00000132802			1	1



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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	jood	
14.6 Special precautions for user		
Not applicable		
14.7 Maritime transport in bulk a Not applicable for product as s	-	

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Relevant EU provisions transposed through retained EU law

: Conditions of restriction for the fol- lowing entries should be considered: Diphenylmethanediisocyanate, iso- meres and homologues (Number on list 56)
: Not applicable
: Not applicable
: Not applicable
Not applicable tax for volatile organic compounds



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(VOCV) no VOC duties

Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Not applicable

If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

Health, safety and environ- mental regulation/legislation	: Environmental Protection Act 1990 & Subsidiary Regulations Health and Safety at Work Act 1974 & Subsidiary Regulations
specific for the substance or mixture:	Control of Substances Hazardous to Health 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					
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 abbreviations					
Acute Tox.	:	Acute toxicity			
Acute Tox. Carc.	:				
	:	Acute toxicity Carcinogenicity Eye irritation			
Carc.	:	Carcinogenicity			
Carc. Eye Irrit.	:	Carcinogenicity Eye irritation			
Carc. Eye Irrit. Resp. Sens.	: : : : :	Carcinogenicity Eye irritation Respiratory sensitisation			
Carc. Eye Irrit. Resp. Sens. Skin Irrit.		Carcinogenicity Eye irritation Respiratory sensitisation Skin irritation			
Carc. Eye Irrit. Resp. Sens. Skin Irrit. Skin Sens.		Carcinogenicity Eye irritation Respiratory sensitisation Skin irritation Skin sensitisation			
Carc. Eye Irrit. Resp. Sens. Skin Irrit. Skin Sens. STOT RE		Carcinogenicity Eye irritation Respiratory sensitisation Skin irritation Skin sensitisation Specific target organ toxicity - repeated exposure			
Carc. Eye Irrit. Resp. Sens. Skin Irrit. Skin Sens. STOT RE STOT SE		Carcinogenicity Eye irritation Respiratory sensitisation Skin irritation Skin sensitisation Specific target organ toxicity - repeated exposure Specific target organ toxicity - single exposure			
Carc. Eye Irrit. Resp. Sens. Skin Irrit. Skin Sens. STOT RE STOT SE GB EH40		Carcinogenicity Eye irritation Respiratory sensitisation Skin irritation Skin sensitisation Specific target organ toxicity - repeated exposure Specific target organ toxicity - single exposure UK. EH40 WEL - Workplace Exposure Limits			
Carc. Eye Irrit. Resp. Sens. Skin Irrit. Skin Sens. STOT RE STOT SE GB EH40 GB EH40 BAT		Carcinogenicity Eye irritation Respiratory sensitisation Skin irritation Skin sensitisation Specific target organ toxicity - repeated exposure Specific target organ toxicity - single exposure UK. EH40 WEL - Workplace Exposure Limits UK. Biological monitoring guidance values			



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CAS : DNEL : EC50 : GHS : IATA : IMDG : LD50 :	once, which causes the deat	n ssociation
LC50 :		(concentrations of the chemical in animals during the observation
MARPOL :	International Convention for	the Prevention of Pollution from
OEL : PBT : PNEC : REACH : SVHC : vPvB :	and of the Council of 18 Dec istration, Evaluation, Authori	t and toxic ation 06 of the European Parliament æmber 2006 concerning the Reg- sation and Restriction of Chemi- a European Chemicals Agency ncern
Further information		
Classification of the mixture:	Cla	ssification procedure:
Skin Irrit. 2 H	315 Cal	culation method
Eye Irrit. 2	319 Cal	culation method
Resp. Sens. 1 H	334 Cal	culation method
Skin Sens. 1 H	317 Cal	culation method
Carc. 2	351 Cal	culation method
STOT SE 3 H	335 Cal	culation 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 !

GB / EN



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