

Date of last issue: 08.06.2023	Version 5.0	Print Date 29.02.2024
Revision Date: 09.01.2024		

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

1.1 Product identifier

Trade name : SikaForce®-100 CT35 (formerly SikaForce-7100 L35)

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 responsible for the SDS	:	EHS@uk.sika.com

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 12 Skin irritation, Category 2	72/2008) 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.



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2.2 Label elements

Labelling (REGULATION	(EC)	No 1272/2008)	
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 breathing difficulties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through pro- longed 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 + P340 +	air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.
		P342 + P311	If experiencing respiratory symptoms: Call a 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.



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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.	Classification	Concentration
	EC-No. Registration number		(% 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 $\overline{}$ specific concentration limit Eye Irrit. 2; H319 >= 5 % Resp. Sens. 1; H334 >= 0,1 % Skin Irrit. 2; H315 >= 5 % STOT SE 3; H335 >= 5 %	>= 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.
If inhaled	: Move to fresh air. Consult a physician after significant exposure.



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In case of skin contact	: Take off contaminated clot Wash off with soap and ple If symptoms persist, call a		
In case of eye contact	: Immediately flush eye(s) w Remove contact lenses. Keep eye wide open while If eye irritation persists, con	rinsing.	
If swallowed	: Do not induce vomiting wit Rinse mouth with water. Do not give milk or alcohol Never give anything by mo		
4.2 Most important symptoms a	d effects, both acute and del	ayed	
Symptoms	: Asthmatic appearance Cough Respiratory disorder Allergic reactions Excessive lachrymation Erythema Dermatitis	etailed information on health effe	cts
Risks	: irritant effects sensitising effects		
	ties if inhaled. May cause respiratory irrita Suspected of causing can	on. na symptoms or breathing difficul ation.	
4.3 Indication of any immediate Treatment	: Treat symptomatically.	treatment needed	
SECTION 5: Firefighting mea	ures		
5 1 Evinauishina madia			
5.1 Extinguishing media Suitable extinguishing media		ater spray/water jet/carbon diox- stant foam/chemical powder for	
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5.2 Special hazards arising from	n th	e substance or mixture	
Hazardous combustion prod- ucts	:	No hazardous combustion products are know	vn
5.3 Advice for firefighters			
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breat	hing apparatus.
Further information	:	Standard procedure for chemical fires.	
SECTION 6: Accidental relea	se	measures	
	ctiv	e equipment and emergency procedures	
6.1 Personal precautions, protections Personal precautions	ctiv :	re equipment and emergency procedures Use personal protective equipment. Deny access to unprotected persons.	
	ctiv :	Use personal protective equipment.	
Personal precautions	ctiv :	Use personal protective equipment.	
Personal precautions 6.2 Environmental precautions	:	Use personal protective equipment. Deny access to unprotected persons. Do not flush into surface water or sanitary se If the product contaminates rivers and lakes or respective authorities.	
Personal precautions 6.2 Environmental precautions Environmental precautions	:	Use personal protective equipment. Deny access to unprotected persons. Do not flush into surface water or sanitary se If the product contaminates rivers and lakes or respective authorities.	or drains inform and, silica gel,
Personal precautions 6.2 Environmental precautions Environmental precautions 6.3 Methods and material for co	:	Use personal protective equipment. Deny access to unprotected persons. Do not flush into surface water or sanitary se If the product contaminates rivers and lakes of respective authorities. inment and cleaning up Soak up with inert absorbent material (e.g. sa acid binder, universal binder, sawdust).	or drains inform and, silica gel,

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.
	plication area. Follow standard hygiene measures when handling chemical



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		products	
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.	
Hygiene measures	:	Handle in accordance with good industrial hygien practice. When using do not eat or drink. When u smoke. Wash hands before breaks and at the en-	sing do not
7.2 Conditions for safe storage, in	ncl	uding any incompatibilities	
Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well-ve place. Containers which are opened must be care sealed and kept upright to prevent leakage. Store ance with local regulations.	efully re-
Further information on stor- age stability	:	No decomposition if stored and applied as directed	ed.
7.3 Specific end use(s)			
Specific use(s)	:	Cleaning with aprotic polar solvents must be avoi Consult most current local Product Data Sheet pr 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
	Further information: Capable of causing occupational 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



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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 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 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 cont	ols	

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.



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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Appearance Colour	::	liquid viscous liquid various
Odour	:	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 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	:	Not applicable substance/mixture is non-soluble (in water)
Viscosity Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)
Solubility(ies) Water solubility	:	insoluble
Partition coefficient: n- octanol/water	:	No data available



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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

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 due to lack of data.

Components:

Diphenylmethanediisocyanate, isomeres and homologues:



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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 mo short term inhalation.	oderately toxic after		
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 9.400 mg/kg			
Skin corrosion/irritation Causes skin irritation.					
Serious eye damage/eye in Causes serious eye irritation		on			
Respiratory or skin sensit	isatio	n			
Skin sensitisation May cause an allergic skin r					
	a sym	ptoms or breathing difficulties if inhaled.			
Germ cell mutagenicity Not classified due to lack of	data.				
Carcinogenicity Suspected of causing cance	Carcinogenicity Suspected of causing cancer.				
Reproductive toxicity Not classified due to lack of	Reproductive toxicity Not classified due to lack of data.				
STOT - single exposure May cause respiratory irritat	ion.				
STOT - repeated exposure May cause damage to organ		ough prolonged or repeated exposure if inha	led.		
Aspiration toxicity Not classified due to lack of	data.				
11.2 Information on other haza	rds				
Endocrine disrupting prop	perties	6			
Product: Assessment	:	The substance/mixture does not contain co ered to have endocrine disrupting propertie REACH Article 57(f) or Commission Delega (EU) 2017/2100 or Commission Regulation levels of 0.1% or higher.	s according to ated regulation		



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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 (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		



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SECTION 13: Disposal considerations

13.1 Waste treatment methods

D	rod	luct
Р	roc	luct

:	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	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



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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 Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Ar	nex 17)	:	Conditions of restriction for the fol- lowing entries should be considered: Diphenylmethanediisocyanate, iso- meres and homologues (Number on list 56)	
UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation			Not applicable	
The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain)			Not applicable	
International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors			Not applicable	
Regulation (EC) No 1005/2009 or plete the ozone layer	n substances that de-	:	Not applicable	
UK REACH List of substances subject to authorisation (Annex XIV)			Not applicable	
GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation			Not applicable	
			Not applicable	
2015 (COMAH) Volatile organic compounds : Law on the incentive ta (VOCV) no VOC duties		tax fo	or volatile organic compounds	



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	Directive 2010/75/EU of 24 November 2010 on i emissions (integrated pollution prevention and c 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 specific for the substance or mixture:	Environmental Protection Act 1990 & Subsidiary Health and Safety at Work Act 1974 & Subsidiar Control of Substances Hazardous to Health Reg (COSHH) May be subject to the Control of Major Accident Regulations (COMAH), and amendments.	ry Regulations gulations		

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 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 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	
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 period)	
GB EH40 / STEL	:	Short-term exposure limit (15-minute reference period)	
ADR	:	European Agreement concerning the International Carriage of	
		Dangerous Goods by Road	
CAS	:	Chemical Abstracts Service	
DNEL	:	Derived no-effect level	



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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 had test animals)	lf) of a group of
LC50 :	Median lethal concentration (concentrations of air that kills 50% of the test animals during the period)	
MARPOL :	International Convention for the Prevention of Ships, 1973 as modified by the Protocol of 197	
OEL	Occupational Exposure Limit	
PBT :	Persistent, bioaccumulative and toxic	
PNEC :	Predicted no effect concentration	
REACH :	Regulation (EC) No 1907/2006 of the Europea and of the Council of 18 December 2006 conc istration, Evaluation, Authorisation and Restric cals (REACH), establishing a European Chem	erning the Reg- ction of Chemi-
SVHC :	Substances of Very High Concern	
vPvB :	Very persistent and very bioaccumulative	

Further information

Classification of t	he 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 !

GB / EN