

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

#### **1.1 Product identifier**

Trade name

: SikaForce<sup>®</sup>-7800 Part B

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

At present there is no complete information available on identified uses. When the data becomes available, it will be integrated into the safety data sheet.

Product use : Sealant/adhesive.

#### 1.3 Details of the supplier of the safety data sheet

Company	<ul> <li>Sika Deutschland GmbH Kornwestheimer Str. 103-107 70439 Stuttgart</li> </ul>
Telephone	: +4971180090
E-mail address	: EHS@de.sika.com

## 1.4 Emergency telephone number

Emergency telephone num-	: 0173-6774799 Out of office hours only
ber	EHS@de.sika.com

#### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Type of product : Mixture

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

Acute toxicity, Category 4 Skin irritation, Category 2 Eye irritation, Category 2	H332: Harmful if inhaled. H315: Causes skin irritation. 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 exposure, 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.
Classification (67/548/EEC, 1999/45/EC)	
Harmful	R20: Harmful by inhalation.
	R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.

# SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006 SikaForce<sup>®</sup>-7800 Part B





Carcinogenic Category 3		R40: Limited evidence of a carcinogenic effect.
Sensitising		R42/43: May cause sensitisation by inhalation and skin contact.
Irritant		R36/37/38: Irritating to eyes, respiratory system and skin.
2.2 Label elements		
Labelling (REGULATION (E	EC) No 1272/20	008)
Hazard pictograms		
Signal word	: Danger	•
Hazard 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 difficulties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through pro- longed or repeated exposure.
Precautionary statements	: <b>Preventic</b> P201 P260 P280 P281 <b>Respons</b> P308 + P3 P333 + P3	Obtain special instructions before use. Do not breathe dust/ fume/ gas/ mist/ va- pours/ spray. Wear protective gloves/ eye protection/ face protection. Use personal protective equipment as re- quired. e: 313 IF exposed or concerned: Get medical ad- vice/ attention.

Hazardous components which must be listed on the label:

• 618-498-9 Diphenylmethanediisocyanate, isomeres and homologues

### Additional Labelling:

Contains isocyanates. May produce an allergic reaction.

## 2.3 Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).





This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

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

## 3.2 Mixtures

## Hazardous components

Chemical Name CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Diphenylmethanediisocyanate, iso- meres and homologues 9016-87-9 618-498-9	Carc.Cat.3; R40 Xn; R20-R48/20 Xi; R36/37/38 R42/43	Acute Tox.4; H332 Skin Irrit.2; H315 Eye Irrit.2; H319 Resp. Sens.1; H334 Skin Sens.1; H317 Carc.2; H351 STOT SE3; H335 STOT RE2; H373	>= 50 - <= 100

For the full text of the R-phrases mentioned in this Section, see Section 16. For the full text of the H-Statements mentioned in this Section, see Section 16.

## **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

General advice :	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.	
If inhaled :	Move to fresh air. Consult a physician after significant exposure.	
In case of skin contact :	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.	
In case of eye contact :	Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.	
If swallowed :	Clean mouth with water and drink afterwards plenty of water. Induce vomiting immediately and call a physician. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.	
4.2 Most important symptoms and effects, both acute and delayed		

Symptoms	: Asthmatic appearance Cough	
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	Respiratory disorder Allergic reactions Excessive lachrymation Erythema Headache Dermatitis See Section 11 for more detailed information on health effects and symptoms.
Risks	: irritant effects sensitising effects

## 4.3 Indication of any immediate medical attention and special treatment needed

Treatment

: Treat symptomatically.

## **SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment.
5.2 Special hazards arising from	the	e substance or mixture
Hazardous combustion prod- ucts	:	No hazardous combustion products are known
5.3 Advice for firefighters		
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.
Further information	:	Standard procedure for chemical fires.

#### **SECTION 6: Accidental release measures**

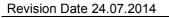
#### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	: Use personal protective equipmer	nt.
	Deny access to unprotected perso	ons.

## 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 materials 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

Advice on safe handling	:	Avoid exceeding of 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. Pro- vide sufficient air exchange and/or exhaust in work rooms. 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.
7.2 Conditions for safe storage,	incl	uding any incompatibilities
Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well-ventilated place. Store in accordance with local regulations.
Other data	:	No decomposition if stored and applied as directed.
7.3 Specific end use(s)		

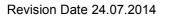
Specific use(s)	: No data available
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## **SECTION 8: Exposure controls/personal protection**

## 8.1 Control parameters

## Components with workplace control parameters

Components	CAS-No.	Value	Control parame- ters *	Basis *
Diphenylmethanediisocyanate, isomeres and homologues	9016-87-9	AGW	0,05 mg/m3	DE TRGS 900





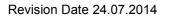
\*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

## 8.2 Exposure controls

Personal protective equipment	
Eye protection :	Safety glasses with side-shields 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 (0,4 mm), Contaminated gloves should be removed. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.
Skin and body protection :	Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.
Respiratory protection :	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.
	Ensure adequate ventilation, especially in confined areas.

**Environmental exposure controls** 

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

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

9.1 Information on basic physica Appearance	l ar :	nd chemical properties paste
Colour	:	grey
Odour	:	characteristic
Odour Threshold	:	No data available
Flash point	:	> 100 °C
Ignition temperature	:	not applicable
Lower explosion limit (Vol%)	:	No data available
Upper explosion limit (Vol%)	:	No data available
Flammability (solid, gas)	:	No data available
Oxidizing properties	:	No data available
Auto-ignition temperature	:	No data available
рН	:	No data available
Melting point/range / Freez- ing point	:	No data available
Boiling point/boiling range	:	No data available
Vapour pressure	:	No data available
Density	:	ca.1,23 g/cm3 at 20 °C
Water solubility	:	Note: insoluble
Partition coefficient: n- octanol/water	:	No data available
Viscosity, dynamic	:	ca.35.000 mPa.s at  20 °C
Viscosity, kinematic	:	> 20,5 mm2/s at  40 °C
Relative vapour density	:	No data available
Evaporation rate	:	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 : Stable under recommended storage conditions.

## 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** 

## **SECTION 11: Toxicological information**

## 11.1 Information on toxicological effects

## Acute toxicity

#### Components:

Diphenylmethanediisocyanate, isomeres and homologues :		
Acute oral toxicity	: LD50 Oral rat: > 10.000 mg/kg	
Acute inhalation toxicity	: Acute toxicity estimate : 1,5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Expert judgement	
Acute dermal toxicity	: LD50 Dermal rabbit: > 9.400 mg/kg	

#### Skin corrosion/irritation

## Product

Causes skin irritation.

#### Serious eye damage/eye irritation

## Product





Causes serious eye irritation.

#### Respiratory or skin sensitisation

## Product

May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

#### Germ cell mutagenicity

#### **Product**

## Carcinogenicity

#### **Product**

Carcinogenicity	: Suspected of causing canc	er.
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## **Reproductive Toxicity/Fertility**

Reproductive toxicity	: No data available
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#### No data available

#### **Reproductive Toxicity/Development/Teratogenicity**

Teratogenicity	: No data available
relatogenicity	

#### No data available

#### STOT - single exposure

No data available

## STOT - repeated exposure

No data available

## Aspiration toxicity

No data available

## **SECTION 12: Ecological information**

## 12.1 Toxicity

No data available

## 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 Other adverse effects

No data available

#### **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Product

 In accordance with the EWC Waste Regulation the classification of waste is to be assigned to the jurisdiction of the origin of waste. Therefore, it is not possible to assign a particular waste identification number.
 Completely emptied packagings may be given for recycling.
 Empty packaging may still contain hazardous residues. Empty packaging should be removed by a licensed waste contractor.
 Sika has agreed disposal contracts for all packaging which is brought into circulation in Germany.
 For further details see www.sika.de

## **SECTION 14: Transport information**

ADR Not dangerous goods IATA Not dangerous goods IMDG Not dangerous goods

**14.6 Special precautions for user** No data available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code not applicable

## **SECTION 15: Regulatory information**

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



# SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006 SikaForce<sup>®</sup>-7800 Part B

Revision Date 24.07.2014



vision Date 24.07.2014		Print Date 24.0
Labelling according to EC I	Directives (1999/45/	EC)
Hazard pictograms	:	
*		
Harmful		
R-phrase(s)	: R20 R36/37/38	Harmful by inhalation. Irritating to eyes, respiratory system and skin.
	R40 R42/43	Limited evidence of a carcinogenic effect. May cause sensitisation by inhalation and skin contact.
	R48/20	Harmful: danger of serious damage to health by prolonged exposure through in- halation.
S-phrase(s)	: S23 S36/37	Do not breathe vapour. Wear suitable protective clothing and gloves.
	S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Hazardous components whic • 618-498-9 Diph		he label: anate, isomeres and homologues
Special labelling of certain mixtures	: Contains isocya facturer.	anates. See information supplied by the manu-
Prohibition/Restriction		
REACH - Restrictions on the the market and use of certain preparations and articles (An	dangerous substan	
REACH - Candidate List of S Concern for Authorisation (Ar		igh : None of the components are listed (=> 0.1 %).
REACH - List of substances s (Annex XIV)	subject to authorisati	on : not applicable
REACH Information:	<ul> <li>preregistered</li> <li>preregistered</li> <li>excluded from</li> </ul>	contained in our Products are or registered by our upstream suppliers, and/or or registered by us, and/or n the regulation, and/or m the registration.
Water contaminating class (Germany)		water endangering s vom 30.Juli 2005
VOC-CH (VOCV)	: no VOC duties	



VOC-EU (solvent)

: not applicable

#### **15.2 Chemical Safety Assessment**

This product contains substances for which Chemical Safety Assessments are still required.

## **SECTION 16: Other information**

Full text of R-Phrases	
R20	Harmful by inhalation.
R36/37/38	Irritating to eyes, respiratory system and skin.
R40	Limited evidence of a carcinogenic effect.
R42/43	May cause sensitisation by inhalation and skin contact.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
Full toxt of H Statomo	nte

#### 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 difficulties if in- haled.
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
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

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 any use and processing.

Changes as compared to previous version !