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

SikaForce®-050 Part B



Date of last issue: 22.08.2022

Revision Date: 09.09.2024

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

1.1 Product identifier

Trade name SikaForce®-050 Part B

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 Deutschland CH AG & Co KG

Kornwestheimer Str. 103-107

D-70439 Stuttgart

Telephone +49 711 8009 0 : RPC@de.sika.com E-mail address of person

responsible for the SDS

1.4 Emergency telephone number

Emergency CONTACT (24-Hour-Number):

GBK GmbH Global Regulatory Compliance +49(0)6132-84463

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Acute toxicity, Category 4 H332: Harmful if inhaled.

Skin irritation, Category 2 H315: Causes skin irritation.

Eye irritation, Category 2 H319: Causes serious eye irritation.

H334: May cause allergy or asthma symptoms or Respiratory sensitisation, Category 1

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

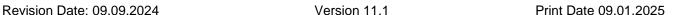
H373: May cause damage to organs through pro-

longed or repeated exposure if inhaled.



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

SikaForce®-050 Part B



Date of last issue: 22.08.2022

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms





Signal word : Danger

Hazard 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 breath-

ing difficulties 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.

Precautionary statements : Prevention:

P201 Obtain special instructions before use.
P260 Do not breathe mist or vapours.
P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ protective clothing/

eye protection/ face protection.

Response:

P304 + P340 + P312 IF INHALED: Remove person to fresh

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

4,4'-methylenediphenyl diisocyanate

o-(p-isocyanatobenzyl)phenyl isocyanate

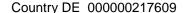
2,2'-methylenediphenyl diisocyanate

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.





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

SikaForce®-050 Part B



Date of last issue: 22.08.2022

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.

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 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 SKin Irrit. 2; H315 >= 5 %	>= 60 - < 80

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

SikaForce®-050 Part B



4,4'-methylenediphenyl diisocya- nate	101-68-8 202-966-0 01-2119457014-47- XXXX	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
		specific concentration limit STOT SE 3; H335 >= 5 %	
		specific concentration limit Skin Irrit. 2; H315 >= 5 %	
		specific concentration limit Resp. Sens. 1; H334 >= 0,1 %	
		Acute toxicity esti- mate	
		Acute inhalation toxicity (dust/mist): 1,5 mg/l	

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

SikaForce®-050 Part B



o-(p-isocyanatobenzyl)phenyl isocyanate	5873-54-1 227-534-9 01-2119480143-45- XXXX	Acute Tox. 4; H332 Eye Irrit. 2; H319 STOT SE 3; H335 Skin Irrit. 2; H315 Resp. Sens. 1; H334 Skin Sens. 1; H317 Carc. 2; H351 STOT RE 2; H373 specific concentration limit Eye Irrit. 2; H319 >= 5 %	>= 5 - < 10
		specific concentration limit STOT SE 3; H335 >= 5 %	
		specific concentration limit Skin Irrit. 2; H315 >= 5 %	
		specific concentration limit Resp. Sens. 1; H334 >= 0,1 %	

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

SikaForce®-050 Part B



Date of last issue: 22.08.2022

2,2'-methylenediphenyl diisocyanate	2536-05-2 219-799-4 01-2119927323-43- XXXX	Acute Tox. 4; H332 Eye Irrit. 2; H319 STOT SE 3; H335 Skin Irrit. 2; H315 Resp. Sens. 1; H334 Skin Sens. 1; H317 Carc. 2; H351 STOT RE 2; H373 specific concentration limit Eye Irrit. 2; H319 >= 5 %	< 0,1
		specific concentration limit STOT SE 3; H335 >= 5 %	
		specific concentration limit Skin Irrit. 2; H315 >= 5 %	
		specific concentration limit Resp. Sens. 1; H334 >= 0,1 %	

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.

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.

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

SikaForce®-050 Part B



Revision Date: 09.09.2024 Version 11.1 Print Date 09.01.2025

Date of last issue: 22.08.2022

Remove contact lenses.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

If swallowed Do not induce vomiting without medical advice.

Rinse mouth with water.

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

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

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.

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 : 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 the substance or mixture

Hazardous combustion prod- : No hazardous combustion products are known

ucts

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

SikaForce®-050 Part B



Date of last issue: 22.08.2022

5.3 Advice for firefighters

for firefighters

Special protective equipment : 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 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

Advice on safe handling 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 ap-

plication area.

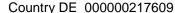
Provide sufficient air exchange and/or exhaust in work rooms. Follow standard hygiene measures when handling chemical

products

Advice on protection against :

fire and explosion

Normal measures for preventive fire protection.



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

SikaForce®-050 Part B



Date of last issue: 22.08.2022

Revision Date: 09.09.2024

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, including 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.

Storage class (TRGS 510) : 10

Further information on stor-

age stability

No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : Cleaning with aprotic polar solvents must be avoided.

Consult most current local Product Data Sheet prior to any

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	AGW (Inhalable fraction)	0,05 mg/m3 (MDI)	DE TRGS 900
	Peak-limit: excursion factor (category): 1;=2=(I)			
	Further information: Skin absorption, When there is compliance			compliance
	with the OEL and biological tolerance values, there is no risk of harming the unborn child, Substance sensitizing through the skir			
	and respiratory system			
	Peak-limit: excursion factor (category): 1; I Further information: Danger of sensitization of the airway			
	skin, Danger of absorption through the skin, Substances that			
	cause cancer in humans or animals or that are considered to be			
	carcinogenic for humans and for which a MAK value can be de-			
	rived., Damage to the embryo or foetus is unlikely when the MAK			
	value or the BAT value is observed			
	Peak-limit: excursion factor (category): 1; I			
4,4'-methylenediphenyl diisocyanate	101-68-8	AGW (Vapour and aerosols)	0,05 mg/m3	TRGS 430
	Peak-limit: excursion factor (category): 1;=2=(I) Further information: airway sensitizing substance			
		AGW (Vapour and	0,05 mg/m3	DE TRGS 900
		aerosols, inhala-		
	D 1 11 11	ble fraction)) 1 0 (1)	
	Peak-limit: excursion factor (category): 1;=2=(I)			



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

SikaForce®-050 Part B



Print Date 09.01.2025

Revision Date: 09.09.2024 Date of last issue: 22.08.2022

	Further information: Skin absorption, When there is compliance			
	with the OEL and biological tolerance values, there is no risk of			
	harming the unborn child, Substance sensitizing through the skin			
	and respiratory system			
	Peak-limit: excursion factor (category): 1; I			
	Further information: Danger of sensitization of the airways and the			
	skin, Danger of absorption through the skin, Substances that cause cancer in humans or animals or that are considered to be			
	carcinogenic for humans and for which a MAK value can be derived., Damage to the embryo or foetus is unlikely when the MAK value or the BAT value is observed Peak-limit: excursion factor (category): 1; I			
				hen the MAK
				T
o-(p-isocyanatobenzyl)phenyl isocyanate	5873-54-1	AGW (Vapour and aerosols)	0,05 mg/m3	TRGS 430
	Peak-limit: excursion factor (category): 1;=2=(I) Further information: Sum of vapour and aerosols, The exposure limit is established for monomers. For regulatory details on oligomers and polymers see TRGS 430 'Isocyanate'., airway sensitizing substance			
				he exposure
				tails on oligo-
				way sensitiz-
		AGW (Vapour and aerosols)	0,05 mg/m3	DE TRGS 900
	Peak-limit: excursion factor (category): 1;=2=(I) Further information: Commission for dangerous substances,			
				stances, Sum
		erosols., The expos		
		gulatory details on o	ligomers and poly	nd polymers see
	TRGS 430 'Iso			T
2,2'-methylenediphenyl diisocyanate	2536-05-2	AGW (Vapour and aerosols)	0,05 mg/m3	TRGS 430
	Peak-limit: excursion factor (category): 1;=2=(I)			
	Further information: Sum of vapour and aerosols, The exposure			
		hed for monomers.		
	mers and polymers see TRGS 430 'Isocyanate'., airway sensi ing substance			way sensitiz-
		AGW (Vapour and aerosols)	0,05 mg/m3	DE TRGS 900
	Peak-limit: excursion factor (category): 1;=2=(I)			
	Further information: Commission for dangerous substances, Sum of vapor and aerosols., The exposure limit is established for monomers. For regulatory details on oligomers and polymers see TRGS 430 'Isocyanate'.			

Version 11.1

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

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

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

SikaForce®-050 Part B



Date of last issue: 22.08.2022

Revision Date: 09.09.2024

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 additionally 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 - Methods for determining inhalation exposure). This applies in particular 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.

If the product contaminates rivers and lakes or drains inform

respective authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state : liquid
Appearance : paste
Colour : brown

Odour : slight

Judui . siigii

Melting point/ range / Freez- : No data available



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

SikaForce®-050 Part B



Date of last issue: 22.08.2022

ing point

Boiling point/boiling range No data available

Flammability (solid, gas) No data available

Upper/lower flammability or explosive limits

Upper explosion limit / Up- : No data available

per flammability limit

Lower explosion limit /

Lower flammability limit

: No data available

: > 200 °C Flash point

Method: closed cup

Auto-ignition temperature No data available

Decomposition temperature No data available

рΗ Not applicable

substance/mixture is non-soluble (in water)

Viscosity

Viscosity, kinematic $> 20,5 \text{ mm2/s } (40 ^{\circ}\text{C})$

Solubility(ies)

Water solubility insoluble

Partition coefficient: n-

octanol/water

No data available

Vapour pressure : 0.01 hPa

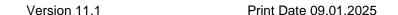
Density ca. 1,22 g/cm3 (20 °C)

Relative vapour density No data available

Particle characteristics : No data available

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

SikaForce®-050 Part B



Date of last issue: 22.08.2022

Revision Date: 09.09.2024

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 hazardous decomposition products are known.

SECTION 11: Toxicological information

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

Acute toxicity

Harmful if inhaled.

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

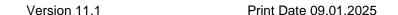
short term inhalation.

Acute dermal toxicity : LD50 Dermal (Rabbit): > 9.400 mg/kg

4,4'-methylenediphenyl diisocyanate:

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

SikaForce®-050 Part B



Date of last issue: 22.08.2022

Revision Date: 09.09.2024

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50: 1,5 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist Method: Expert judgement

Acute toxicity estimate: 1,5 mg/l Test atmosphere: dust/mist Method: Calculation method

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 reaction.

Respiratory sensitisation

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

Germ cell mutagenicity

Not classified due to lack of data.

Carcinogenicity

Suspected of causing cancer.

Reproductive toxicity

Not classified due to lack of data.

STOT - single exposure

May cause respiratory irritation.

STOT - repeated exposure

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

Aspiration toxicity

Not classified due to lack of data.

11.2 Information on other hazards

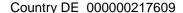
Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components consid-

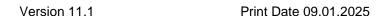
ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at

levels of 0.1% or higher.



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

SikaForce®-050 Part B



Date of last issue: 22.08.2022

Revision Date: 09.09.2024

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

ma/

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-

mation

: There is no data available for this product.

Country DE 000000217609

15 / 20

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

SikaForce®-050 Part B



Date of last issue: 22.08.2022

Revision Date: 09.09.2024

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : In accordance with the EWC Waste Regulation the classifica-

tion 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

14.1 UN number or ID number

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : 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

IATA : 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

IATA : 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 good

14.6 Special precautions for user

Not applicable

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

SikaForce®-050 Part B

REACH Information:



Revision Date: 09.09.2024 Version 11.1 Print Date 09.01.2025 Date of last issue: 22.08.2022

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)

Schedules of Toxic Chemicals and Precursors

All substances contained in our Products are

- registered by our upstream suppliers, and/or

: Not applicable

- registered by us, and/or

- excluded from the regulation, and/or - exempted from the registration.

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)

Conditions of restriction for the following entries should be considered: Number on list 3

Number on list 56: Diphenylmethanediisocyanate, isomeres and homologues, 4,4'-methylenediphenyl diisocyanate, o-(pisocyanatobenzyl)phenyl isocyanate

Number on list 74: Diphenylmethanediisocyanate, isomeres and homologues, 4,4'-methylenediphenyl

diisocvanate, o-(p-

isocyanatobenzyl)phenyl isocyanate, 2,2'-methylenediphenyl diisocyanate

Number on list 75:

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).

None of the components are listed

(=> 0.1 %).

REACH - List of substances subject to authorisation

(Annex XIV)

Not applicable

Regulation (EC) on substances that deplete the ozone

layer

Not applicable

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

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

SikaForce®-050 Part B



Revision Date: 09.09.2024 Version 11.1 Print Date 09.01.2025

Date of last issue: 22.08.2022

tants (recast)

Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals

Not applicable

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

Water hazard class (Germa-

WGK 1 slightly hazardous to water

ny)

Classification according to AwSV, Annex 1 (5.2)

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

Other regulations:

Take note of Law on the protection of mothers at work, in education and in studies (Maternity Protection Act - MuSchG).

Product is no subject to the Chemicals Prohibition Ordinance.

Contains a substance which is subject to the TRGS 905 list of carcinogenic, germ cell mutagenic and reproductive toxic substances.

Diphenylmethanediisocyanate, isomeres and homologues carcinogenic: category 2 according

to Annex I of the CLP Directive mutagenic: based on the available data no classification in the categories of Annex I of the CLP Directive

could be made

Harmful for fertility: based on the available data no classification in the categories of Annex I of the CLP Directive could be made

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

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

SikaForce®-050 Part B



Date of last issue: 22.08.2022

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.

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

DE TRGS 900 : Germany. TRGS 900 - Occupational exposure limit values.

TRGS 430 : Germany. TRGS 430 - Isocyanates

DE TRGS 900 / AGW : Time Weighted Average TRGS 430 / AGW : Occupational Exposure Limit

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 Goods

LD50 : Median lethal dosis (the amount of a material, given all at

once, which causes the death of 50% (one half) 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 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 European Parliament

and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemi-

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

SikaForce®-050 Part B



Date of last issue: 22.08.2022

cals (REACH), establishing a European Chemicals Agency

SVHC : Substances of Very High Concern

vPvB : Very persistent and very bioaccumulative

Further information

Classification of the mixture:		Classification procedure:
Acute Tox. 4	H332	Calculation method
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!

DE / EN