

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## SikaCeram®-880 Easy Epoxy Part A

Revision Date 18.08.2025

Version 1.0

Print Date 16.12.2025

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

#### 1.1 Product identifier

Trade name : SikaCeram®-880 Easy Epoxy Part A

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

Product use : Joint mortar, Product is not intended for consumer use, For professional users only.

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

Company name of supplier : Sika Srbija d.o.o.  
Patrijarha Pavla 1  
22310 Šimanovci  
Srbija  
Telephone : +381 22 21 55 777  
Telefax : +381 22 21 55 780  
E-mail address of person responsible for the SDS : ehs@rs.sika.com

#### 1.4 Emergency telephone number

National Toxicology Institute -  
+381 11 360 84 40 (toxicologist on duty - 0- 24h)

### SECTION 2: Hazards identification

Type of product : Mixture

#### 2.1 Classification of the substance or mixture

##### Classification (according to regulation governing the classification, packaging and labeling of chemicals)

Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Long-term (chronic) aquatic hazard, Category 3	H412: Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements

##### Labelling (according to regulation governing the classification, packaging and labeling of chemicals)

Hazard pictograms :



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("Sl. glasnik RS", br. 11/24)



## SikaCeram®-880 Easy Epoxy Part A

Revision Date 18.08.2025

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Print Date 16.12.2025

Signal word	:	Warning
Hazard statements	:	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	:	<b>Prevention:</b> P261 Avoid breathing mist or vapours. P264 Wash skin thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves/ eye protection/ face protection.  <b>Response:</b> P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P337 + P313 If eye irritation persists: Get medical advice/ attention.

Hazardous components which must be listed on the label:

bis-[4-(2,3-epoxipropoxi)phenyl]propane

Reaction mass of isomers of epoxy resin BFDGE

Fatty acids, C16-18 and C18-unsatd., Me esters, epoxidized

reaction products of 2,2-dimethylpropane- 1,3-diol with 1-chloro-2,3-epoxypropane

Naphtha (petroleum), steam-cracked, C8-10 aromatic hydrocarbon fraction, alkylated and oligomerised

### 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.

None known.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

Chemical name	CAS-No. EC-No. Registration number	Classification (according to regulation governing the classification, packaging and labeling of chemicals)	Concentration (% w/w)
bis-[4-(2,3-epoxipropoxi)phenyl]propane	1675-54-3 216-823-5	Skin Irrit. 2; H315 Eye Irrit. 2; H319	>= 10 - < 20

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## SikaCeram®-880 Easy Epoxy Part A

Revision Date 18.08.2025

Version 1.0

Print Date 16.12.2025

	01-2119456619-26-XXXX	Skin Sens. 1; H317 Aquatic Chronic 2; H411	
Reaction mass of isomers of epoxy resin BFDGE	Not Assigned 701-263-0 01-2119454392-40-XXXX	Skin Irrit. 2; H315 Skin Sens. 1A; H317 Aquatic Chronic 2; H411	$\geq 5 - < 10$
Fatty acids, C16-18 and C18-unsatd., Me esters, epoxidized	158318-67-3 Not Assigned	Skin Sens. 1B; H317	$\geq 2,5 - < 5$
reaction products of 2,2-dimethylpropane- 1,3-diol with 1-chloro-2,3-epoxypropane	Not Assigned 701-333-0 01-2120759332-55-XXXX	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Chronic 3; H412	$\geq 1 - < 2,5$
Naphtha (petroleum), steam-cracked, C8-10 aromatic hydrocarbon fraction, alkylated and oligomerised	Not Assigned 701-299-7 01-2119555292-40-XXXX	Skin Sens. 1A; H317 Aquatic Chronic 3; H412	$\geq 1 - < 2,5$

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.  
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

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## SikaCeram®-880 Easy Epoxy Part A

Revision Date 18.08.2025

Version 1.0

Print Date 16.12.2025

Symptoms	: Allergic reactions Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed information on health effects and symptoms.
Risks	: Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.  irritant effects sensitising effects

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

Treatment	: Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media	: In case of fire, use water/water spray/water jet/carbon dioxide/sand/foam/alcohol resistant foam/chemical powder for extinction.
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### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products	: No hazardous combustion products are known
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### 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.

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## 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.
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### 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.
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# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## SikaCeram®-880 Easy Epoxy Part A

Revision Date 18.08.2025

Version 1.0

Print Date 16.12.2025

### 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.

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## 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 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.

### 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.

Further information on storage stability : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Specific use(s) : Consult most current local Product Data Sheet prior to any use.

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## SikaCeram®-880 Easy Epoxy Part A

Revision Date 18.08.2025

Version 1.0

Print Date 16.12.2025

---

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

#### 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<br>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.<br>Suitable for short time use or protection against splashes:<br>Butyl rubber/nitrile rubber gloves (> 0,1 mm)<br>Contaminated gloves should be removed.<br>Suitable for permanent exposure:<br>Viton gloves (0.4 mm),<br>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   | : | No special measures required.   |

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### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

- |                                       |   |                   |
|---------------------------------------|---|-------------------|
| Physical state                        | : | liquid            |
| Form                                  | : | paste             |
| Colour                                | : | brown             |
| Odour                                 | : | characteristic    |
| Melting point/ range / Freezing point | : | No data available |
| Boiling point/boiling range           | : | No data available |
| Flammability (solid, gas)             | : | No data available |

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## SikaCeram®-880 Easy Epoxy Part A

Revision Date 18.08.2025

Version 1.0

Print Date 16.12.2025

### Upper/lower flammability or explosive limits

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Flash point : Not applicable

Auto-ignition temperature : No data available

Decomposition temperature : No data available

pH : 6 - 8 (20 °C)  
Concentration: 50 %

### Viscosity

Viscosity, kinematic : No data available

### Solubility(ies)

Water solubility : No data available

Partition coefficient: n-octanol/water : No data available

Vapour pressure : 0,01 hPa

Density : ca. 1,8 g/cm<sup>3</sup> (20 °C)

Relative vapour density : 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

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## SikaCeram®-880 Easy Epoxy Part A

Revision Date 18.08.2025

Version 1.0

Print Date 16.12.2025

### 10.5 Incompatible materials

Materials to avoid : No data available

### 10.6 Hazardous decomposition products

:  
No hazardous decomposition products are known.

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## 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:

##### **bis-[4-(2,3-epoxipropoxy)phenyl]propane:**

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

Acute dermal toxicity : LD50 Dermal (Rabbit): > 5.000 mg/kg

##### **reaction products of 2,2-dimethylpropane- 1,3-diol with 1-chloro-2,3-epoxypropane:**

Acute oral toxicity : LD50 (Rat): 3.595 mg/kg

Acute dermal toxicity : LD50 (Rat): > 2.000 mg/kg  
Method: OECD Test Guideline 402

##### **Naphtha (petroleum), steam-cracked, C8-10 aromatic hydrocarbon fraction, alkylated and oligomerised:**

Acute oral toxicity : LD50 Oral (Rat): > 2.000 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 reaction.

##### **Respiratory sensitisation**

Not classified due to lack of data.

##### **Germ cell mutagenicity**

Not classified due to lack of data.



# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## SikaCeram®-880 Easy Epoxy Part A

Revision Date 18.08.2025

Version 1.0

Print Date 16.12.2025

### **Carcinogenicity**

Not classified due to lack of data.

### **Reproductive toxicity**

Not classified due to lack of data.

### **STOT - single exposure**

Not classified due to lack of data.

### **STOT - repeated exposure**

Not classified due to lack of data.

### **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 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 12: Ecological information**

### **12.1 Toxicity**

#### **Components:**

##### **bis-[4-(2,3-epoxipropoxy)phenyl]propane:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 2 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 1,8 mg/l  
aquatic invertebrates Exposure time: 48 h

##### **Reaction mass of isomers of epoxy resin BFDGE:**

Toxicity to fish : LC50 (Leuciscus idus (Golden orfe)): 2,54 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other : LC50 (Daphnia magna (Water flea)): 2,55 mg/l  
aquatic invertebrates Exposure time: 48 h

Toxicity to algae/aquatic : EC50 (algae): 1,8 mg/l  
plants Exposure time: 72 h

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## SikaCeram®-880 Easy Epoxy Part A

Revision Date 18.08.2025

Version 1.0

Print Date 16.12.2025

### **Naphtha (petroleum), steam-cracked, C8-10 aromatic hydrocarbon fraction, alkylated and oligomerised:**

Toxicity to daphnia and other aquatic invertebrates : EL50 (Daphnia magna (Water flea)): 54 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

### **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 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.

### **12.7 Other adverse effects**

#### **Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful to aquatic life with long lasting effects.

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## **SECTION 13: Disposal considerations**

### **13.1 Waste treatment methods**

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

# SAFETY DATA SHEET

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("Sl. glasnik RS", br. 11/24)



## SikaCeram®-880 Easy Epoxy Part A

Revision Date 18.08.2025

Version 1.0

Print Date 16.12.2025

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  
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

#### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## SikaCeram®-880 Easy Epoxy Part A

Revision Date 18.08.2025

Version 1.0

Print Date 16.12.2025

### SECTION 15: Regulatory information

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

International Chemical Weapons Convention (CWC) : Not applicable  
Schedules of Toxic Chemicals and Precursors

REACH Information: All substances contained in our Products are  
- registered by our upstream suppliers, and/or  
- registered by us, and/or  
- excluded from the regulation, and/or  
- exempted from the registration.

Rulebook on Bans and Restrictions of Production, Placing on the Market and Use of Chemicals (State Gazette, Nr. 90/2013, 25/2015, 2/2016, 44/2017, 36/2018, 9/2020, 57/2022 and 29/2024) : Conditions of restriction for the following entries should be considered:  
Number on list 3

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Number on list 75:  
None of the components are listed  
(=> 0.1 %).

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Regulation (EU) No 2024/590 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

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

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 and livestock rearing emissions (integrated pollution prevention and control)  
Not applicable

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## SikaCeram®-880 Easy Epoxy Part A

Revision Date 18.08.2025

Version 1.0

Print Date 16.12.2025

### Other regulations:

Rulebook on the content of a safety data sheet (Official Gazette No. 11/24).

Rulebook on classification, packaging, labeling and advertising of chemicals and products in accordance with UN Globally Harmonized System of Classification and Labelling ("State Gazz. RS", 105/13, 52/17, 21/19, 40/23).

Law on chemicals ("Off. gazette RS" No. 36/09, 88/10, 92/11, 93/12 and 25/15)

Law on waste management ("Off. Gazette RS" No. 36/09, 88/10, 14/16, 95/18 - other law, 35/23).

Rulebook on categories, testing and classification of waste ("Off. gazette RS" No. 56/10, 93/19, 39/21 and 65/24).

### 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.
H411	: Toxic to aquatic life with long lasting effects.
H412	: Harmful to aquatic life with long lasting effects.

### Full text of other abbreviations

Aquatic Chronic	: Long-term (chronic) aquatic hazard
Eye Irrit.	: Eye irritation
Skin Irrit.	: Skin irritation
Skin Sens.	: Skin sensitisation
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

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## SikaCeram®-880 Easy Epoxy Part A

Revision Date 18.08.2025

Version 1.0

Print Date 16.12.2025

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 Chemicals (REACH), establishing a European Chemicals Agency
SVHC	:	Substances of Very High Concern
vPvB	:	Very persistent and very bioaccumulative
according to regulation governing the classification, packaging and labeling of chemicals	:	(REGULATION (EC) No 1272/2008); Rulebook on classification, packaging, labeling and advertising of chemicals and products in accordance with UN Globally Harmonized System of Classification and Labelling ("State Gazz. RS", 105/13, 52/17, 21/19, 40/23).

### Further information

#### Classification of the mixture:

Skin Irrit. 2	H315
Eye Irrit. 2	H319
Skin Sens. 1	H317
Aquatic Chronic 3	H412

#### Classification procedure:

Calculation method
Calculation method
Calculation method
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 !

RS / EN