

SAFETY DATA SHEET  
according to Regulation (EC) No. 1907/2006  
**SikaCor® EG-1 Plus Part A**



Revision Date: 27.05.2021  
Date of last issue: 07.11.2019

Version 7.0

Print Date 27.05.2021

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

### 1.1 Product identifier

Trade name : SikaCor® EG-1 Plus Part A

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

Product use : Corrosion protection, For professional users only.

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

Company name of supplier : Sika Deutschland GmbH  
Kornwestheimer Str. 103-107  
D-70439 Stuttgart  
Telephone : +49 711 8009 0  
E-mail address of person : EHS@de.sika.com  
responsible for the SDS

### 1.4 Emergency telephone number

Emergency CONTACT (24-Hour-Number):  
GBK GmbH Global Regulatory Compliance +49(0)6132-84463

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## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

|  |   |
|--|---|
| Flammable liquids, Category 3  | H226: Flammable liquid and vapour.  |
| Skin irritation, Category 2  | H315: Causes skin irritation.   |
| Serious eye damage, Category 1   | H318: Causes serious eye damage.  |
| Skin sensitisation, Category 1   | H317: May cause an allergic skin reaction.  |
| 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 prolonged or repeated exposure if inhaled. |

### 2.2 Label elements

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





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|                          |   |  |
|--------------------------|---|--|
| Hazard pictograms        | : |       |
| Signal word              | : | Danger   |
| Hazard statements        | : | H226 Flammable liquid and vapour.<br>H315 Causes skin irritation.<br>H317 May cause an allergic skin reaction.<br>H318 Causes serious eye damage.<br>H335 May cause respiratory irritation.<br>H373 May cause damage to organs through prolonged or repeated exposure if inhaled.  |
| Precautionary statements | : | <b>Prevention:</b><br>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.<br>P264 Wash skin thoroughly after handling.<br>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.<br><b>Response:</b><br>P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.<br>P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. |

**Hazardous components which must be listed on the label:**

reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight 700 - 1100)  
xylene  
2-methylpropan-1-ol  
N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide)

**2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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

**3.2 Mixtures**

**Components**

| Chemical name   | CAS-No.<br>EC-No.<br>Registration number        | Classification   | Concentration<br>(% w/w) |
|---|---|--|--------------------------|
| reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight 700 - 1100) | 25068-38-6<br>Not Assigned                      | Eye Irrit. 2; H319<br>Skin Irrit. 2; H315<br>Skin Sens. 1; H317  | >= 10 - < 20             |
| xylene<br>Contains:<br>ethylbenzene <= 25 %   | 1330-20-7<br>215-535-7<br>01-2119488216-32-XXXX | Flam. Liq. 3; H226<br>Acute Tox. 4; H332<br>Acute Tox. 4; H312<br>Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>STOT SE 3; H335<br>(Respiratory system)<br>STOT RE 2; H373<br>Asp. Tox. 1; H304<br>Aquatic Chronic 3;<br>H412 | >= 10 - < 20             |
| 2-methylpropan-1-ol   | 78-83-1<br>201-148-0<br>01-2119484609-23-XXXX   | Flam. Liq. 3; H226<br>Skin Irrit. 2; H315<br>Eye Dam. 1; H318<br>STOT SE 3; H336<br>(Central nervous system)<br>STOT SE 3; H335<br>(Respiratory system)  | >= 5 - < 10              |
| N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide)  | 123-26-2<br>204-613-6<br>01-2119978265-26-XXXX  | Skin Sens. 1B; H317<br>Aquatic Chronic 3;<br>H412<br><br>specific concentration limit<br>Skin Sens. 1B; H317<br>>= 10 %  | >= 0,025 - < 0,25        |
| Substances with a workplace exposure limit :  |   |  |                          |
| aluminium powder (stabilised)   | 7429-90-5<br>231-072-3<br>01-2119529243-45-XXXX | Flam. Sol. 1; H228   | >= 1 - < 2,5             |

For explanation of abbreviations see section 16.

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## 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 : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.  
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Continue rinsing eyes during transport to hospital.  
Remove contact lenses.  
Keep eye wide open while rinsing.
- 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 : Cough  
Respiratory disorder  
Allergic reactions  
Excessive lachrymation  
Erythema  
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 damage.  
May cause respiratory irritation.  
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.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

Unsuitable extinguishing media : Water  
High volume water jet

### 5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Do not use a solid water stream as it may scatter and spread fire.

Hazardous combustion products : 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 : Use water spray to cool unopened containers.

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## SECTION 6: Accidental release measures

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

Personal precautions : Use personal protective equipment.  
Remove all sources of ignition.  
Deny access to unprotected persons.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.  
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 : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

### 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.  
Take precautionary measures against static discharge.  
Open drum carefully as content may be under pressure.  
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).  
Follow standard hygiene measures when handling chemical products

Advice on protection against fire and explosion : Use explosion-proof equipment. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Take precautionary measures against electrostatic discharges.

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. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with local regulations.

Storage class (TRGS 510) : 3, Flammable liquids

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

### 7.3 Specific end use(s)

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

| Components | CAS-No.   | Value type (Form of exposure) | Control parameters * | Basis *    |
|------------|-----------|-------------------------------|----------------------|------------|
| xylene     | 1330-20-7 | TWA                           | 50 ppm               | 2000/39/EC |

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|  |  |                          |                      |             |
|--|--|--------------------------|----------------------|-------------|
|  |  |                          | 221 mg/m3            |             |
|  | Further information: Identifies the possibility of significant uptake through the skin, Indicative |                          |                      |             |
|  |  | STEL                     | 100 ppm<br>442 mg/m3 | 2000/39/EC  |
|  |  | AGW                      | 100 ppm<br>440 mg/m3 | DE TRGS 900 |
| Peak-limit: excursion factor (category): 2;(II)  |  |                          |                      |             |
| Further information: Skin absorption   |  |                          |                      |             |
| 2-methylpropan-1-ol  | 78-83-1  | AGW                      | 100 ppm<br>310 mg/m3 | DE TRGS 900 |
| Peak-limit: excursion factor (category): 1;(I)   |  |                          |                      |             |
| Further information: Senate commission for the review of compounds at the work place dangerous for the health (MAK-commission)., When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child |  |                          |                      |             |
| aluminium powder (stabilised)  | 7429-90-5  | AGW (Inhalable fraction) | 10 mg/m3             | DE TRGS 900 |
| Peak-limit: excursion factor (category): 2;(II)  |  |                          |                      |             |
|  |  | AGW (Alveolate fraction) | 1,25 mg/m3           | DE TRGS 900 |
| Peak-limit: excursion factor (category): 2;(II)  |  |                          |                      |             |

\*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 parameters                               | Sampling time  | Basis    |
|-------------------------------|-----------|--|--|----------|
| xylene                        | 1330-20-7 | xylene: 1,5 mg/l (Blood)                         | Immediately after exposure or after working hours        | TRGS 903 |
|                               |           | methylhippuric acid (all isomers): 2 g/l (Urine) | Immediately after exposure or after working hours        | TRGS 903 |
| aluminium powder (stabilised) | 7429-90-5 | Aluminium: 50 µg/g creatinine (Urine)            | In case of long-term exposure: after more than one shift | TRGS 903 |

**8.2 Exposure controls**

**Personal protective equipment**

Eye 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.

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- 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 working limits of the selected respirator.  
organic vapor (Type A) and particulate filter  
A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm  
P1: Inert material; P2, P3: hazardous substances  
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 sufficient to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

**Environmental exposure controls**

- General advice : Prevent product from entering drains.  
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 : liquid
- Colour : various
- Odour : solvent-like
- Odour Threshold : No data available
- pH : Not applicable substance/mixture is non-soluble (in water)
- Melting point/range / Freezing point : No data available
- Boiling point/boiling range : No data available
- Flash point : ca. 23 °C  
Method: closed cup
- Evaporation rate : No data available



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|  |   |                                    |
|--|---|------------------------------------|
| Flammability (solid, gas)                        | : | No data available                  |
| Upper explosion limit / Upper flammability limit | : | 6,2 %(V)                           |
| Lower explosion limit / Lower flammability limit | : | 1 %(V)                             |
| Vapour pressure                                  | : | 11,9999 hPa                        |
| Relative vapour density                          | : | No data available                  |
| Density  | : | ca. 1,51 g/cm <sup>3</sup> (20 °C) |
| Solubility(ies)                                  |   |                                    |
| Water solubility                                 | : | insoluble                          |
| Solubility in other solvents                     | : | No data available                  |
| Partition coefficient: n-octanol/water           | : | No data available                  |
| Auto-ignition temperature                        | : | 415 °C                             |
| Decomposition temperature                        | : | No data available                  |
| Viscosity  |   |                                    |
| Viscosity, dynamic                               | : | ca. 2.400 - 3.600 mPa.s (20 °C)    |
| Viscosity, kinematic                             | : | > 20,5 mm <sup>2</sup> /s (40 °C)  |
| Explosive properties                             | : | No data available                  |
| Oxidizing properties                             | : | No data available                  |

## 9.2 Other information

No data available

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## 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.

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Vapours may form explosive mixture with air.

**10.4 Conditions to avoid**

Conditions to avoid : Heat, flames and sparks.

**10.5 Incompatible materials**

Materials to avoid : No data available

**10.6 Hazardous decomposition products**

No decomposition if stored and applied as directed.

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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 based on available information.

**Components:**

**xylene:**

Acute oral toxicity : LD50 Oral (Rat): 3.523 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): 1.700 mg/kg

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Respiratory or skin sensitisation**

**Skin sensitisation**

May cause an allergic skin reaction.

**Respiratory sensitisation**

Not classified based on available information.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

May cause respiratory irritation.

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**STOT - repeated exposure**

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

**Aspiration toxicity**

Not classified based on available information.

**11.2 Information on other hazards**

**Endocrine disrupting properties**

**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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**SECTION 12: Ecological information**

**12.1 Toxicity**

**Components:**

**xylene:**

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): 2,2 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

Toxicity to fish (Chronic toxicity) : NOEC: > 1,3 mg/l  
Exposure time: 56 d  
Species: Oncorhynchus mykiss (rainbow trout)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 1,17 mg/l  
Exposure time: 7 d  
Species: Daphnia (water flea)

**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

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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 : There is no data available for this product.

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## 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](http://www.sika.de)

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## SECTION 14: Transport information

### 14.1 UN number

ADR : UN 1263  
IMDG : UN 1263  
IATA : UN 1263

### 14.2 UN proper shipping name

ADR : PAINT  
IMDG : PAINT  
IATA : Paint

### 14.3 Transport hazard class(es)

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**ADR** : 3  
**IMDG** : 3  
**IATA** : 3

**14.4 Packing group**

**ADR**  
Packing group : III  
Classification Code : F1  
Hazard Identification Number : 30  
Labels : 3  
Tunnel restriction code : (D/E)

**IMDG**  
Packing group : III  
Labels : 3  
EmS Code : F-E, S-E

**IATA (Cargo)**  
Packing instruction (cargo aircraft) : 366  
Packing instruction (LQ) : Y344  
Packing group : III  
Labels : Flammable Liquids

**IATA (Passenger)**  
Packing instruction (passenger aircraft) : 355  
Packing instruction (LQ) : Y344  
Packing group : III  
Labels : Flammable Liquids

**14.5 Environmental hazards**

**ADR**  
Environmentally hazardous : no

**IMDG**  
Marine pollutant : no

**IATA (Passenger)**  
Environmentally hazardous : no

**IATA (Cargo)**  
Environmentally hazardous : no

**14.6 Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable for product as supplied.

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**SECTION 15: Regulatory information**

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

- REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Conditions of restriction for the following entries should be considered: Number on list 3
- International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors : Not applicable
- 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) No 1005/2009 on substances that deplete the ozone layer : Not applicable
- Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable
- Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors  
Acquisition, introduction, possession or use of the explosive precursor by the general public is subject to reporting obligations. : aluminium powder (stabilised) (ANNEX II)

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.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

P5c FLAMMABLE LIQUIDS

Water contaminating class (Germany) : WGK 2 obviously hazardous to water  
Classification according to AwSV, Annex 1 (5.2)

Volatile organic compounds : Law on the incentive tax for volatile organic compounds (VOCV)  
Volatile organic compounds (VOC) content: 21,88 %

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Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Volatile organic compounds (VOC) content: 21,88 %

GISCODE : RE70

**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.

**15.2 Chemical safety assessment**

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

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**SECTION 16: Other information**

**Full text of H-Statements**

H226 : Flammable liquid and vapour.  
H228 : Flammable solid.  
H304 : May be fatal if swallowed and enters airways.  
H312 : Harmful in contact with skin.  
H315 : Causes skin irritation.  
H317 : May cause an allergic skin reaction.  
H318 : Causes serious eye damage.  
H319 : Causes serious eye irritation.  
H332 : Harmful if inhaled.  
H335 : May cause respiratory irritation.  
H336 : May cause drowsiness or dizziness.  
H373 : May cause damage to organs through prolonged or repeated exposure if inhaled.  
H412 : Harmful to aquatic life with long lasting effects.

**Full text of other abbreviations**

Acute Tox. : Acute toxicity  
Aquatic Chronic : Long-term (chronic) aquatic hazard  
Asp. Tox. : Aspiration hazard  
Eye Dam. : Serious eye damage  
Eye Irrit. : Eye irritation  
Flam. Liq. : Flammable liquids  
Flam. Sol. : Flammable solids  
Skin Irrit. : Skin irritation  
Skin Sens. : Skin sensitisation  
STOT RE : Specific target organ toxicity - repeated exposure  
STOT SE : Specific target organ toxicity - single exposure  
2000/39/EC : Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values  
DE TRGS 900 : Germany. TRGS 900 - Occupational exposure limit values.  
TRGS 903 : TRGS 903 - Biological limit values

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## SikaCor® EG-1 Plus Part A



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|                   |   |  |
|-------------------|---|--|
| 2000/39/EC / TWA  | : | Limit Value - eight hours  |
| 2000/39/EC / STEL | : | Short term exposure limit  |
| DE TRGS 900 / AGW | : | Time Weighted Average  |
| 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 Chemicals (REACH), establishing a European Chemicals Agency |
| SVHC              | : | Substances of Very High Concern  |
| vPvB              | : | Very persistent and very bioaccumulative   |

### Further information

#### Classification of the mixture:

|               |      |
|---------------|------|
| Flam. Liq. 3  | H226 |
| Skin Irrit. 2 | H315 |
| Eye Dam. 1    | H318 |
| Skin Sens. 1  | H317 |
| STOT SE 3     | H335 |
| STOT RE 2     | H373 |

#### Classification procedure:

|                                     |
|-------------------------------------|
| Based on product data or assessment |
| Calculation method                  |
| Calculation method                  |
| 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 !

DE / EN



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

**1.1 Product identifier**

Trade name : SikaCor® EG-1 Plus Part B

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

Product use : Corrosion protection, For professional users only.

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

Company name of supplier : Sika Deutschland GmbH  
Kornwestheimer Str. 103-107  
D-70439 Stuttgart  
Telephone : +49 711 8009 0  
E-mail address of person : EHS@de.sika.com  
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)**

|  |   |
|--|---|
| Flammable liquids, Category 3  | H226: Flammable liquid and vapour.  |
| Skin irritation, Category 2  | H315: Causes skin irritation.   |
| Serious eye damage, Category 1   | H318: Causes serious eye damage.  |
| Skin sensitisation, Category 1   | H317: May cause an allergic skin reaction.  |
| 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 prolonged or repeated exposure if inhaled. |

**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008)**





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|                          |   |  |
|--------------------------|---|--|
| Hazard pictograms        | : |       |
| Signal word              | : | Danger   |
| Hazard statements        | : | H226 Flammable liquid and vapour.<br>H315 Causes skin irritation.<br>H317 May cause an allergic skin reaction.<br>H318 Causes serious eye damage.<br>H335 May cause respiratory irritation.<br>H373 May cause damage to organs through prolonged or repeated exposure if inhaled.  |
| Precautionary statements | : | <b>Prevention:</b><br>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P260 Do not breathe mist or vapours.<br>P264 Wash skin thoroughly after handling.<br>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.<br><b>Response:</b><br>P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.<br>P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. |

**Hazardous components which must be listed on the label:**

Cashew, nutshell liq.  
xylene  
Amines, polyethylenepoly-, triethylenetetramine fraction

**2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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

**3.2 Mixtures**

**Components**

| Chemical name   | CAS-No.<br>EC-No.<br>Registration number         | Classification   | Concentration<br>(% w/w) |
|---|--|--|--------------------------|
| Fatty acids, tall-oil, dimers, polymers with tall-oil fatty acids and triethylenetetramine        | 68915-18-4<br>Not Assigned                       | Skin Irrit. 2; H315<br>Eye Irrit. 2; H319  | >= 40 - < 60             |
| Cashew, nutshell liq.   | 8007-24-7<br>700-991-6<br>01-2119502450-57-XXXX  | Acute Tox. 4; H302<br>Acute Tox. 4; H312<br>Skin Irrit. 2; H315<br>Eye Dam. 1; H318<br>Skin Sens. 1A; H317   | >= 20 - < 25             |
| xylene<br>Contains:<br>ethylbenzene <= 25 %   | 1330-20-7<br>215-535-7<br>01-2119488216-32-XXXX  | Flam. Liq. 3; H226<br>Acute Tox. 4; H332<br>Acute Tox. 4; H312<br>Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>STOT SE 3; H335<br>(Respiratory system)<br>STOT RE 2; H373<br>Asp. Tox. 1; H304<br>Aquatic Chronic 3;<br>H412 | >= 10 - < 20             |
| 3-(trimethoxysilyl)propylamine  | 13822-56-5<br>237-511-5<br>01-2119510159-45-XXXX | Skin Irrit. 2; H315<br>Eye Dam. 1; H318  | >= 5 - < 10              |
| 2,4,6-tris(dimethylaminomethyl)phenol<br>Contains:<br>bis[(dimethylamino)methyl]phenol<br><= 15 % | 90-72-2<br>202-013-9<br>01-2119560597-27-XXXX    | Acute Tox. 4; H302<br>Skin Corr. 1C; H314<br>Eye Dam. 1; H318  | >= 1 - < 2,5             |
| 2-methylpropan-1-ol   | 78-83-1<br>201-148-0<br>01-2119484609-23-XXXX    | Flam. Liq. 3; H226<br>Skin Irrit. 2; H315<br>Eye Dam. 1; H318<br>STOT SE 3; H336<br>(Central nervous system)<br>STOT SE 3; H335<br>(Respiratory system)  | >= 1 - < 2,5             |

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|   |  |   |               |
|---|--|---|---------------|
| Amines, polyethylenepoly-, tri-ethylenetetramine fraction<br>Contains:<br>2-(2-aminoethylamino)ethanol <= 0,3 % | 90640-67-8<br>292-588-2<br>01-2119487919-13-XXXX | Acute Tox. 4; H302<br>Acute Tox. 4; H312<br>Skin Corr. 1B; H314<br>Skin Sens. 1; H317<br>Aquatic Chronic 3;<br>H412<br>EUH071 | >= 0,25 - < 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 : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.  
 In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 Continue rinsing eyes during transport to hospital.  
 Remove contact lenses.  
 Keep eye wide open while rinsing.
- 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 : Cough  
 Respiratory disorder  
 Allergic reactions  
 Excessive lachrymation  
 Erythema  
 Dermatitis  
 See Section 11 for more detailed information on health effects and symptoms.
- Risks : irritant effects  
 sensitising effects

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Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
May cause respiratory irritation.  
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 : Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

Unsuitable extinguishing media : Water  
High volume water jet

**5.2 Special hazards arising from the substance or mixture**

Specific hazards during fire-fighting : Do not use a solid water stream as it may scatter and spread fire.

Hazardous combustion products : 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 : Use water spray to cool unopened containers.

---

**SECTION 6: Accidental release measures**

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

Personal precautions : Use personal protective equipment.  
Remove all sources of ignition.  
Deny access to unprotected persons.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

**6.2 Environmental precautions**

Environmental precautions : Prevent product from entering drains.  
If the product contaminates rivers and lakes or drains inform respective authorities.



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### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

### 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 application area.  
Take precautionary measures against static discharge.  
Open drum carefully as content may be under pressure.  
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).  
Follow standard hygiene measures when handling chemical products

Advice on protection against fire and explosion : Use explosion-proof equipment. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Take precautionary measures against electrostatic discharges.

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. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with local regulations.

Storage class (TRGS 510) : 3, Flammable liquids

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

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**7.3 Specific end use(s)**

Specific use(s) : 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 parameters * | Basis *     |
|--|-----------|-------------------------------|----------------------|-------------|
| xylene   | 1330-20-7 | TWA                           | 50 ppm<br>221 mg/m3  | 2000/39/EC  |
| Further information: Identifies the possibility of significant uptake through the skin, Indicative   |           |                               |                      |             |
|  |           | STEL                          | 100 ppm<br>442 mg/m3 | 2000/39/EC  |
|  |           | AGW                           | 50 ppm<br>220 mg/m3  | DE TRGS 900 |
| Peak-limit: excursion factor (category): 2;(II)  |           |                               |                      |             |
| Further information: Skin absorption   |           |                               |                      |             |
| 2-methylpropan-1-ol  | 78-83-1   | AGW                           | 100 ppm<br>310 mg/m3 | DE TRGS 900 |
| Peak-limit: excursion factor (category): 1;(I)   |           |                               |                      |             |
| Further information: Senate commission for the review of compounds at the work place dangerous for the health (MAK-commission)., When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child |           |                               |                      |             |

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

**Occupational exposure limits of decomposition products**

| Components  | CAS-No. | Value type (Form of exposure) | Control parameters * | Basis *     |
|---|---------|-------------------------------|----------------------|-------------|
| methanol  | 67-56-1 | TWA                           | 200 ppm<br>260 mg/m3 | 2006/15/EC  |
| Further information: Indicative, Identifies the possibility of significant uptake through the skin  |         |                               |                      |             |
|   |         | AGW                           | 100 ppm<br>130 mg/m3 | DE TRGS 900 |
| Peak-limit: excursion factor (category)   | 2;(II)  |                               |                      |             |
| Further information: Skin absorption, When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child |         |                               |                      |             |

\*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 parameters       | Sampling time                               | Basis    |
|----------------|-----------|--------------------------|---|----------|
| xylene         | 1330-20-7 | xylene: 1,5 mg/l (Blood) | Immediately after exposure or after working | TRGS 903 |



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|  |  |  |   |          |
|--|--|--|---|----------|
|  |  |  | hours   |          |
|  |  | methylhippuric acid (all isomers):<br>2 g/l<br>(Urine) | Immediately after exposure or after working hours | TRGS 903 |

**8.2 Exposure controls**

**Engineering measures**

Maintain air concentrations below occupational exposure standards.  
 Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment**

- Eye 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 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 working limits of the selected respirator.  
 organic vapor (Type A) and particulate filter  
 A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm  
 P1: Inert material; P2, P3: hazardous substances  
 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 sufficient to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

**Environmental exposure controls**

- General advice : Prevent product from entering drains.  
 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 : liquid  
Colour : transparent

Odour : slight

Boiling point/boiling range : No data available

#### Upper/lower flammability or explosive limits

Upper explosion limit / Upper flammability limit : 7 % (V)

Lower explosion limit / Lower flammability limit : 1 % (V)

Flash point : ca. 48 °C  
Method: closed cup

Auto-ignition temperature : 415 °C

pH : Not applicable  
substance/mixture is non-soluble (in water)

#### Viscosity

Viscosity, dynamic : ca. 500 mPa.s (20 °C)

Viscosity, kinematic : > 20,5 mm<sup>2</sup>/s (40 °C)

#### Solubility(ies)

Water solubility : insoluble

Vapour pressure : 7,9993 hPa

Density : ca. 0,95 g/cm<sup>3</sup> (20 °C)

### 9.2 Other information

No data available

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## 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.  
Vapours may form explosive mixture with air.

### 10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

### 10.5 Incompatible materials

Materials to avoid : No data available

### 10.6 Hazardous decomposition products

Hazardous decomposition products : methanol

---

## SECTION 11: Toxicological information

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

#### Acute toxicity

Not classified based on available information.

#### Components:

##### Cashew, nutshell liq.:

Acute oral toxicity : LD50 Oral (Rat): 500 mg/kg  
Acute dermal toxicity : LD50 Dermal (Rat): 2.000 mg/kg

##### xylene:

Acute oral toxicity : LD50 Oral (Rat): 3.523 mg/kg  
Acute dermal toxicity : LD50 Dermal (Rabbit): 1.700 mg/kg

##### 2,4,6-tris(dimethylaminomethyl)phenol:

Acute oral toxicity : LD50 (Rat): > 1.999 mg/kg  
Remarks: Harmful if swallowed.  
Annex VI - Harmonised

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**Amines, polyethylenepoly-, triethylenetetramine fraction:**

Acute oral toxicity : LD50 Oral (Rat): 1.716 mg/kg  
Acute inhalation toxicity : Assessment: Corrosive to the respiratory tract.  
Acute dermal toxicity : LD50 Dermal (Rabbit): 1.465 mg/kg

**Skin corrosion/irritation**

Causes skin irritation.

**Components:**

**2,4,6-tris(dimethylaminomethyl)phenol:**

Species : Rabbit  
Assessment : Corrosive  
Method : OECD Test Guideline 404  
  
Assessment : irritating  
Remarks : Annex VI - Harmonised  
REGULATION (EC) No 1272/2008

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Components:**

**2,4,6-tris(dimethylaminomethyl)phenol:**

Species : Rabbit  
Assessment : Causes serious eye damage.  
  
Assessment : irritating  
Remarks : Annex VI - Harmonised  
REGULATION (EC) No 1272/2008

**Respiratory or skin sensitisation**

**Skin sensitisation**

May cause an allergic skin reaction.

**Respiratory sensitisation**

Not classified based on available information.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

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**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 based on available information.

**11.2 Information on other hazards**

**Endocrine disrupting properties**

**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

---

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Components:**

**xylene:**

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): 2,2 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

Toxicity to fish (Chronic toxicity) : NOEC: > 1,3 mg/l  
Exposure time: 56 d  
Species: Oncorhynchus mykiss (rainbow trout)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 1,17 mg/l  
Exposure time: 7 d  
Species: Daphnia (water flea)

**2,4,6-tris(dimethylaminomethyl)phenol:**

Toxicity to algae/aquatic plants : EC50 (Scenedesmus capricornutum (fresh water algae)): > 10 - 100 mg/l  
Exposure time: 72 h

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

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#### 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 : There is no data available for this product.

---

### 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](http://www.sika.de)

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### SECTION 14: Transport information

#### 14.1 UN number

ADR : UN 1263  
IMDG : UN 1263  
IATA : UN 1263

SAFETY DATA SHEET  
according to Regulation (EC) No. 1907/2006  
**SikaCor® EG-1 Plus Part B**



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**14.2 UN proper shipping name**

**ADR** : PAINT  
**IMDG** : PAINT  
**IATA** : Paint

**14.3 Transport hazard class(es)**

**ADR** : 3  
**IMDG** : 3  
**IATA** : 3

**14.4 Packing group**

**ADR**  
Packing group : III  
Classification Code : F1  
Hazard Identification Number : 30  
Labels : 3  
Tunnel restriction code : (D/E)

**IMDG**  
Packing group : III  
Labels : 3  
EmS Code : F-E, S-E

**IATA (Cargo)**  
Packing instruction (cargo aircraft) : 366  
Packing instruction (LQ) : Y344  
Packing group : III  
Labels : Flammable Liquids

**IATA (Passenger)**  
Packing instruction (passenger aircraft) : 355  
Packing instruction (LQ) : Y344  
Packing group : III  
Labels : Flammable Liquids

**14.5 Environmental hazards**

**ADR**  
Environmentally hazardous : no

**IMDG**  
Marine pollutant : no

**IATA (Passenger)**  
Environmentally hazardous : no

**IATA (Cargo)**  
Environmentally hazardous : no

**14.6 Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet.

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Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Conditions of restriction for the following entries should be considered: Number on list 3

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

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) No 1005/2009 on substances that deplete the ozone layer : Not applicable

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

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

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.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

**P5c** FLAMMABLE LIQUIDS

Water hazard class (Germany) : WGK 2 obviously hazardous to water  
Classification according to AwSV, Annex 1 (5.2)

Volatile organic compounds : Law on the incentive tax for volatile organic compounds (VOCV)  
Volatile organic compounds (VOC) content: 20,19% w/w



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Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Volatile organic compounds (VOC) content: 20,19% w/w

**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.

**15.2 Chemical safety assessment**

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

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**SECTION 16: Other information**

**Full text of H-Statements**

|      |   |   |
|------|---|---|
| H226 | : | Flammable liquid and vapour.  |
| H302 | : | Harmful if swallowed.   |
| H304 | : | May be fatal if swallowed and enters airways.                                 |
| H312 | : | Harmful in contact with skin.   |
| H314 | : | Causes severe skin burns and eye damage.                                      |
| H315 | : | Causes skin irritation.   |
| H317 | : | May cause an allergic skin reaction.  |
| H318 | : | Causes serious eye damage.  |
| H319 | : | Causes serious eye irritation.  |
| H332 | : | Harmful if inhaled.   |
| H335 | : | May cause respiratory irritation.   |
| H336 | : | May cause drowsiness or dizziness.  |
| H373 | : | May cause damage to organs through prolonged or repeated exposure if inhaled. |
| H412 | : | Harmful to aquatic life with long lasting effects.                            |

**Full text of other abbreviations**

|                 |   |  |
|-----------------|---|--|
| Acute Tox.      | : | Acute toxicity   |
| Aquatic Chronic | : | Long-term (chronic) aquatic hazard   |
| Asp. Tox.       | : | Aspiration hazard  |
| Eye Dam.        | : | Serious eye damage   |
| Eye Irrit.      | : | Eye irritation   |
| Flam. Liq.      | : | Flammable liquids  |
| Skin Corr.      | : | Skin corrosion   |
| Skin Irrit.     | : | Skin irritation  |
| Skin Sens.      | : | Skin sensitisation   |
| STOT RE         | : | Specific target organ toxicity - repeated exposure   |
| STOT SE         | : | Specific target organ toxicity - single exposure   |
| 2000/39/EC      | : | Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values |
| 2006/15/EC      | : | Europe. Indicative occupational exposure limit values  |
| DE TRGS 900     | : | Germany. TRGS 900 - Occupational exposure limit values.  |
| TRGS 903        | : | TRGS 903 - Biological limit values   |

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|                   |   |  |
|-------------------|---|--|
| 2000/39/EC / TWA  | : | Limit Value - eight hours  |
| 2000/39/EC / STEL | : | Short term exposure limit  |
| 2006/15/EC / TWA  | : | Limit Value - eight hours  |
| DE TRGS 900 / AGW | : | Time Weighted Average  |
| 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 Chemicals (REACH), establishing a European Chemicals Agency |
| SVHC              | : | Substances of Very High Concern  |
| vPvB              | : | Very persistent and very bioaccumulative   |

**Further information**

**Classification of the mixture:**

|               |      |
|---------------|------|
| Flam. Liq. 3  | H226 |
| Skin Irrit. 2 | H315 |
| Eye Dam. 1    | H318 |
| Skin Sens. 1  | H317 |
| STOT SE 3     | H335 |
| STOT RE 2     | H373 |

**Classification procedure:**

|                                     |
|-------------------------------------|
| Based on product data or assessment |
| Calculation method                  |
| 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 !

DE / EN

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