



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

**1.1 Product identifier**

Trade name : SikaCor® EG-1 Part A

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

Product use : Corrosion protection

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

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

**1.4 Emergency telephone number**

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

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**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

Type of product : 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.

**2.2 Label elements**

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

Hazard pictograms :    

Signal word : Danger

Hazard statements : H226 Flammable liquid and vapour.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.

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Version 5.0

Print Date 11.07.2016

Precautionary statements	H373  <b>Prevention:</b> P210  P260  P280  <b>Response:</b> P303 + P361 + P353  P305 + P351 + P338 + P310  P370 + P378	May cause damage to organs through prolonged or repeated exposure.  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. Wear protective gloves/ eye protection/ face protection.  IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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.  In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
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Hazardous components which must be listed on the label:

- 215-535-7 xylene
- 25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight 700 - 1100)
- 201-148-0 2-methylpropan-1-ol
- 309-629-8 Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine

**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.

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

**3.2 Mixtures**

**Hazardous components**

Chemical name CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
xylene 1330-20-7 215-535-7 01-2119488216-32-XXXX Contains: ethylbenzene <= 25 %	Flam. Liq.3; H226 Acute Tox.4; H332 Acute Tox.4; H312 Skin Irrit.2; H315 Eye Irrit.2; H319 STOT SE3; H335 STOT RE2; H373 Asp. Tox.1; H304	>= 10 - < 20



reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight 700 - 1100) 25068-38-6	Eye Irrit.2; H319 Skin Irrit.2; H315 Skin Sens. 1; H317	>= 10 - < 20
2-methylpropan-1-ol 78-83-1 201-148-0 01-2119484609-23-XXXX	Flam. Liq.3; H226 STOT SE3; H335, H336 Skin Irrit.2; H315 Eye Dam.1; H318	>= 5 - < 10
Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine 100545-48-0 309-629-8 01-2119979085-27-XXXX	Skin Sens. 1B; H317 Aquatic Chronic3; H412	>= 0,25 - < 1

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

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General advice : Move out of dangerous area.  
 Consult a physician.  
 Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.  
 Consult a physician after significant exposure.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
 Wash off with soap and plenty of water.  
 If symptoms persist, call a physician.
- In case of eye contact : 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



Risks : Dermatitis  
See Section 11 for more detailed information on health effects and symptoms.

: 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.

#### 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 materials 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.
- Other data : No decomposition if stored and applied as directed.

## 7.3 Specific end use(s)



Specific use(s) : No data available

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Components with workplace control parameters

Components	CAS-No.	Value	Control parameters *	Basis *
xylene	1330-20-7	TWA	50 ppm 221 mg/m <sup>3</sup>	2000/39/EC
		STEL	100 ppm 442 mg/m <sup>3</sup>	2000/39/EC
		AGW	100 ppm 440 mg/m <sup>3</sup>	DE TRGS 900
2-methylpropan-1-ol	78-83-1	AGW	100 ppm 310 mg/m <sup>3</sup>	DE TRGS 900

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

#### 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 exposition or after working hours	TRGS 903
		methylhippuric acid (all isomers): 2 g/l (Urine)	Immediately after exposition or after working hours	TRGS 903

### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : Safety glasses with side-shields  
 Eye wash bottle with pure water

Hand protection : Chemical-resistant, impervious gloves complying with an 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 (0,4 mm),  
 Contaminated gloves should be removed.  
 Suitable for permanent exposure:  
 Viton gloves (0.4 mm),  
 breakthrough time >30 min.



- Skin and body protection : Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.
- Respiratory protection : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe 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

- Appearance : liquid
- Colour : various
- Odour : aromatic
- Odour Threshold : No data available
- Flash point : ca. 23 °C
- Autoignition temperature : ca. 415 °C
- Lower explosion limit (Vol-%) : 1 %(V)
- Upper explosion limit (Vol-%) : 6,2 %(V)
- Flammability : No data available
- Oxidizing properties : No data available
- pH : Not applicable

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Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	No data available
Vapour pressure	:	11,9999 hPa
Density	:	ca.1,76 g/cm <sup>3</sup> at 20 °C
Water solubility	:	insoluble
Partition coefficient: n-octanol/water	:	No data available
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	> 20,5 mm <sup>2</sup> /s at 40 °C
Relative vapour density	:	No data available
Evaporation rate	:	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.  
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 : No decomposition if stored and applied as directed.





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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Not classified based on available information.

#### Components:

##### xylene:

Acute dermal toxicity	: Acute toxicity estimate: 1.100 mg/kg Method: Converted acute toxicity point estimate
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#### 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.

#### STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

#### Aspiration toxicity

Not classified based on available information.

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## SECTION 12: Ecological information

### 12.1 Toxicity

No data available

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

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No data available

### 12.5 Results of PBT and vPvB assessment

**Product:**

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

### 12.6 Other adverse effects

No data available

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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

### ADR

**14.1 UN number** : 1263  
**14.2 Description of the goods** : PAINT  
**14.3 Class** : 3  
**14.4 Packing group** : III  
Classification Code : F1  
Labels : 3  
Tunnel restriction code : (D/E)  
**14.5 Environmentally hazardous** : no

### ADR

Exempted according to 2.2.3.1.5 (Viscous substance exemption)

### IATA

**14.1 UN number** : 1263  
**14.2 Description of the goods** : Paint  
**14.3 Class** : 3  
**14.4 Packing group** : III  
Labels : 3

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**14.5 Environmentally hazardous** : no

**IMDG**

**14.1 UN number** : 1263  
**14.2 Description of the goods** : PAINT  
**14.3 Class** : 3  
**14.4 Packing group** : III  
Labels : 3  
EmS Number 1 : F-E  
EmS Number 2 : S-E  
**14.5 Marine pollutant** : no

**14.6 Special precautions for user**

No data available

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

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**SECTION 15: Regulatory information**

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

**Prohibition/Restriction**

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

REACH Information: All substances contained in our Products are  
- preregistered or registered by our upstream suppliers, and/or  
- preregistered 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.

		Quantity 1	Quantity 2
P5c	FLAMMABLE LIQUIDS	5.000 t	50.000 t

Water contaminating class : WGK 2 significantly water endangering (Germany)

VOC-CH (VOCV) : 23,49 %

VOC-EU (solvent) : 23,49 %

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GISCODE : RE 3  
Other regulations : Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

## 15.2 Chemical safety assessment

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

## SECTION 16: Other information

### Full text of H-Statements

H226	Flammable liquid and vapour.
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	Chronic aquatic toxicity
Asp. Tox.	Aspiration hazard
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquids
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitisation
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure
ADR	Accord européen relatif au transport international des marchandises Dangereuses par Route
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 dose (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,

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OEL	1973 as modified by the Protocol of 1978 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

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 !