

SAFETY DATA SHEET  
according to Regulation (EC) No. 1907/2006  
**Sika AnchorFix®-1 (A)**



Revision Date 04.11.2015

Version 0.0

Print Date 04.11.2015

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

**1.1 Product identifier**

Trade name : Sika AnchorFix®-1 (A)

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

Product use : Sealant/adhesive

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

Company : Sika Limited  
Watchmead  
Welwyn Garden City  
Hertfordshire AL7 1BQ  
United Kingdom

Telephone : +44 (0) 1707 394444

**1.4 Emergency telephone number**

Emergency telephone number : +44 (0)1707 363899 (available during office hours)

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

Type of product : Mixture

**2.2 Label elements**

**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<br>CAS-No.<br>EC-No.<br>Registration number | Classification<br>(REGULATION (EC)<br>No 1272/2008)          | Concentration<br>[%] |
|---|--|----------------------|
| vinyltoluene<br>25013-15-4<br>246-562-2                   | Flam. Liq.3; H226<br>Acute Tox.4; H332<br>Skin Irrit.2; H315 | >= 10 - < 20         |

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|                       |   |  |
|-----------------------|---|--|
| 01-2119622074-50-XXXX | Eye Irrit.2; H319<br>STOT SE3; H335<br>Asp. Tox.1; H304 |  |
|-----------------------|---|--|

For the full text of the H-Statements mentioned in this Section, 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.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.
- In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.  
Do NOT induce vomiting.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

### 4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : See Section 11 for more detailed information on health effects and symptoms.
- Risks : No known significant effects or hazards.

### 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, Dry chemical
- Unsuitable extinguishing media : High volume water jet

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

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



fighting : fire. Do not allow run-off from fire fighting to enter drains or water courses.

### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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## SECTION 6: Accidental release measures

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

### 6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.

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

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
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 : For personal protection see section 8. Follow standard hygiene measures when handling chemical products

Advice on protection against fire and explosion : Avoid formation of aerosol. Keep away from sources of ignition - No smoking. Take precautionary measures against electrostatic discharges.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of work-day.

### 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.

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



### 7.3 Specific end use(s)

Specific use(s) : No data available

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

### 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 : No special measures required.

#### Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : paste

Colour : light cream

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|  |   |                                       |
|--|---|---------------------------------------|
| Odour                                  | : | aromatic                              |
| Odour Threshold                        | : | No data available                     |
| Flash point                            | : | 53 °C                                 |
| Ignition temperature                   | : | No data available                     |
| Lower explosion limit                  | : | 1 %(V)                                |
| Upper explosion limit                  | : | 5,2 %(V)                              |
| Flammability (solid, gas)              | : | No data available                     |
| Oxidizing properties                   | : | No data available                     |
| Auto-ignition temperature              | : | No data available                     |
| pH                                     | : | No data available                     |
| Melting point/range / Freezing point   | : | No data available<br>> 165 °C         |
| Vapour pressure                        | : | ca.6,7 hPa<br>at 20 °C                |
| Density                                | : | ca.1,7 g/cm <sup>3</sup><br>at 20 °C  |
| Water solubility                       | : | Note: insoluble                       |
| Partition coefficient: n-octanol/water | : | No data available                     |
| Viscosity, dynamic                     | : | No data available                     |
| Viscosity, kinematic                   | : | > 20,5 mm <sup>2</sup> /s<br>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**

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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 : Vapours may form explosive mixture with air.

Stable under recommended storage conditions., No decomposition if used as directed.

#### 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

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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### Skin corrosion/irritation

**Product:**

Remarks: No data available

##### Serious eye damage/eye irritation

**Product:**

Remarks: No data available

##### Respiratory or skin sensitisation

**Product:**

Remarks: No data available

##### Germ cell mutagenicity

**Product:**

Germ cell mutagenicity- Assessment : No data available

##### Carcinogenicity

**Product:**

Carcinogenicity - Assessment : No data available



### Reproductive toxicity

**Product:**

Reproductive toxicity - Assessment : No data available

No data available

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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

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 : 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 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

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local authority requirements.  
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

European Waste Catalogue : 08 04 09\* waste adhesives and sealants containing organic solvents or other dangerous substances

Contaminated packaging : 15 01 10\* packaging containing residues of or contaminated by dangerous substances

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**SECTION 14: Transport information**

**ADR**

14.1 UN number : 1866  
14.2 Description of the goods : RESIN SOLUTION  
14.3 Class : 3  
14.4 Packing group : III  
Classification Code : F1  
Labels : 3  
Tunnel restriction code : (D/E)  
14.5 Environmentally hazardous : no

**IATA**

14.1 UN number : 1866  
14.2 Description of the goods : Resin solution  
14.3 Class : 3  
14.4 Packing group : III  
Labels : 3  
14.5 Environmentally hazardous : no

**IMDG**

14.1 UN number : 1866  
14.2 Description of the goods : RESIN SOLUTION  
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). : Not applicable

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.

VOC-CH (VOCV) : no VOC duties

VOC-EU (solvent) : Not applicable

If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

Health, safety and environmental regulation/legislation specific for the substance or mixture: : The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002  
Control of Substances Hazardous to Health Regulations 2002  
The Management of Health and Safety at Work Regulations 1999  
Health and Safety at Work Act 1974  
Environmental Protection Act 1990 & Subsidiary Regulations

### 15.2 Chemical Safety Assessment

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

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## SECTION 16: Other information

#### Full text of H-Statements

H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.



**Full text of other abbreviations**

|             |  |
|-------------|--|
| Acute Tox.  | Acute toxicity   |
| Asp. Tox.   | Aspiration hazard  |
| Eye Irrit.  | Eye irritation   |
| Flam. Liq.  | Flammable liquids  |
| Skin Irrit. | Skin irritation  |
| 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  |
| LC50        | 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)  |
| LD50        | 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   |

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 !