

SAFETY DATA SHEET  
according to Regulation (EC) No. 1907/2006  
**Sikafloor®-310 PurCem (A)**



Revision Date 09.11.2015

Version 1.1

Print Date 09.11.2015

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

### 1.1 Product identifier

Trade name : Sikafloor®-310 PurCem (A)

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

Product use : Polyurethane coating

### 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)

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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)

Not a hazardous substance or mixture.

### 2.2 Label elements

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

Not a hazardous substance or mixture.

#### Additional Labelling:

EUH210 Safety data sheet available on request.

### 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.

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

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Country GB 100000006155

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**Hazardous components**

| Chemical Name<br>CAS-No.<br>EC-No.<br>Registration number   | Classification<br>(REGULATION (EC)<br>No 1272/2008) | Concentration<br>[%] |
|---|---|----------------------|
| ethanediol<br>107-21-1<br>203-473-3<br>01-2119456816-28-XXXX  | Acute Tox.4; H302<br>STOT RE2; H373                 | >= 5 - < 10          |
| Hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics,<br>< 0.03% aromatics<br>64742-46-7<br>932-078-5<br>01-2119552497-29-XXXX | Asp. Tox.1; H304                                    | >= 1 - < 2,5         |

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 : No hazards which require special first aid measures.
- 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 swallowed : Clean mouth with water and drink afterwards plenty of 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 : 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.

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

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Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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

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 : Standard procedure for chemical fires.

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**SECTION 6: Accidental release measures**

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

**6.2 Environmental precautions**

Environmental precautions : No special environmental precautions required.

**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. No special handling advice required. Follow standard hygiene measures when handling chemical products

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : When using do not eat or drink. When using do not smoke.

**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.

Advice on common storage : No special restrictions on storage with other products.

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

#### Components with workplace control parameters

| Components | CAS-No.  | Value | Control parameters *            | Basis * |
|------------|----------|-------|---------------------------------|---------|
| ethanediol | 107-21-1 | TWA   | 20 ppm<br>52 mg/m <sup>3</sup>  | GB EH40 |
|            |          | TWA   | 10 mg/m <sup>3</sup>            | GB EH40 |
|            |          | STEL  | 40 ppm<br>104 mg/m <sup>3</sup> | GB EH40 |

### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : Safety glasses

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.

Butyl rubber/nitrile rubber gloves (0,4 mm),  
Recommended: Butyl rubber/nitrile rubber gloves.

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 filter (Type A)  
A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm  
Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in par-

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ticalar 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 : No special environmental precautions required.

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**SECTION 9: Physical and chemical properties**

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

|                                      |  |
|--------------------------------------|--|
| Appearance                           | : liquid                                 |
| Colour                               | : various                                |
| Odour                                | : odourless                              |
| Odour Threshold                      | : No data available                      |
| Flash point                          | : Note: Not applicable                   |
| Ignition temperature                 | : Not applicable                         |
|                                      | Not applicable                           |
| Lower explosion limit (Vol-%)        | : No data available                      |
| Upper explosion limit (Vol-%)        | : No data available                      |
| Flammability (solid, gas)            | : No data available                      |
| Oxidizing properties                 | : No data available                      |
| Auto-ignition temperature            | : No data available                      |
| pH                                   | : Note: Not applicable                   |
| Melting point/range / Freezing point | : No data available                      |
| Boiling point/boiling range          | : No data available                      |
| Vapour pressure                      | : No data available                      |
| Density                              | : ca. 1,03 g/cm <sup>3</sup><br>at 20 °C |
| Water solubility                     | : Note: soluble                          |
| Partition coefficient: n-            | : No data available                      |

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|                                     |   |                                    |
|-------------------------------------|---|------------------------------------|
| octanol/water<br>Viscosity, dynamic | : | ca.2.000 mPa.s<br>at 20 °C         |
| Viscosity, kinematic                | : | > 7 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**

No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability**

The product is chemically stable.

**10.3 Possibility of hazardous reactions**

Hazardous reactions : No hazards to be specially mentioned.

**10.4 Conditions to avoid**

Conditions to avoid : No data available

**10.5 Incompatible materials**

Materials to avoid : No data available

**10.6 Hazardous decomposition products**

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**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity**

Not classified based on available information.

**Components:**

**ethanediol:**

Acute oral toxicity : Acute toxicity estimate: 500 mg/kg  
Method: Converted acute toxicity point estimate

**Skin corrosion/irritation**

Not classified based on available information.

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**Product:**

Remarks: No data available

**Serious eye damage/eye irritation**

Not classified based on available information.

**Product:**

Remarks: No data available

**Respiratory or skin sensitisation**

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

**Product:**

Remarks: No data available

**Germ cell mutagenicity**

Not classified based on available information.

**Product:**

Germ cell mutagenicity- Assessment : No data available

**Carcinogenicity**

Not classified based on available information.

**Product:**

Carcinogenicity - Assessment : No data available

**Reproductive toxicity**

Not classified based on available information.

**Product:**

Reproductive toxicity - Assessment : No data available

No data available

**STOT - single exposure**

Not classified based on available information.

**STOT - repeated exposure**

Not classified based on available information.

**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

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

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## SECTION 14: Transport information

### ADR

Not dangerous goods



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**IATA**

Not dangerous goods

**IMDG**

Not dangerous goods

**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) : Banned and/or restricted (Hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics)

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.  
Not applicable

VOC-CH (VOCV) : no VOC duties

VOC-EU (solvent) : 0,71 %

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

|      |  |
|------|--|
| H302 | Harmful if swallowed.  |
| H304 | May be fatal if swallowed and enters airways.                      |
| H373 | May cause damage to organs through prolonged or repeated exposure. |

### Full text of other abbreviations

|            |  |
|------------|--|
| Acute Tox. | Acute toxicity   |
| Asp. Tox.  | Aspiration hazard  |
| STOT RE    | Specific target organ toxicity - repeated 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 !

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