

**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
**Sika MonoTop®-160 Migrating**



Revision Date 24.01.2018

Version 1.0

Print Date 24.01.2018

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

**1.1 Product identifier**

Trade name : Sika MonoTop®-160 Migrating

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

Product use : Cement / Mortar

**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)**

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.

**2.2 Label elements**

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

Hazard pictograms :

Signal word : Danger

**SAFETY DATA SHEET**  
 according to Regulation (EC) No. 1907/2006  
**Sika MonoTop®-160 Migrating**



Revision Date 24.01.2018

Version 1.0

Print Date 24.01.2018

|                          |   |   |  |
|--------------------------|---|---|--|
| Hazard statements        | : | H315<br>H317<br>H318<br>H335  | Causes skin irritation.<br>May cause an allergic skin reaction.<br>Causes serious eye damage.<br>May cause respiratory irritation.   |
| Precautionary statements | : | <b>Prevention:</b><br>P261<br><br>P280<br><br><b>Response:</b><br>P304 + P340 + P312<br><br>P305 + P351 + P338 + P310<br><br>P333 + P313<br><br>P362 + P364 | Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.<br>Wear protective gloves/ eye protection/ face protection.<br><br>IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.<br>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>If skin irritation or rash occurs: Get medical advice/ attention.<br>Take off contaminated clothing and wash it before reuse. |

Hazardous components which must be listed on the label:

- 266-043-4 Cement, portland, chemicals

**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>[%] |
|---|--|----------------------|
| Cement, portland, chemicals<br>65997-15-1<br>266-043-4                | Skin Irrit.2; H315<br>Eye Dam.1; H318<br>Skin Sens.1; H317<br>STOT SE3; H335 | >= 40 - < 60         |
| potassium carbonate<br>584-08-7<br>209-529-3<br>01-2119532646-36-XXXX | Skin Irrit.2; H315<br>Eye Irrit.2; H319<br>STOT SE3; H335                    | >= 5 - < 10          |

**SAFETY DATA SHEET**  
 according to Regulation (EC) No. 1907/2006  
**Sika MonoTop®-160 Migrating**



Revision Date 24.01.2018

Version 1.0

Print Date 24.01.2018

|  |                   |              |
|--|-------------------|--------------|
| fumaric acid<br>110-17-8<br>203-743-0  | Eye Irrit.2; H319 | >= 2,5 - < 5 |
| Substances with a workplace exposure limit :   |                   |              |
| Quartz (SiO <sub>2</sub> )<br>14808-60-7<br>238-878-4  |                   | >= 25 - < 40 |
| Limestone<br>1317-65-3<br>215-279-6<br>Contains:<br>Quartz (SiO <sub>2</sub> ) <5µm >= 0,1 % |                   | >= 10 - < 20 |

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



|       |   |
|-------|---|
|       | Dermatitis<br>See Section 11 for more detailed information on health effects and symptoms.  |
| Risks | : irritant effects<br>sensitising effects<br><br>Causes skin irritation.<br>May cause an allergic skin reaction.<br>Causes serious eye damage.<br>May cause respiratory irritation. |

#### 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 | : 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

|                      |  |
|----------------------|--|
| Personal precautions | : Use personal protective equipment.<br>Avoid breathing dust.<br>Deny access to unprotected persons. |
|----------------------|--|

#### 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

**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
**Sika MonoTop®-160 Migrating**



Revision Date 24.01.2018

Version 1.0

Print Date 24.01.2018

Methods for cleaning up : Pick up and arrange disposal without creating dust.  
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 : Do not breathe vapours/dust. Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products

Advice on protection against fire and explosion : Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

**7.2 Conditions for safe storage, including any incompatibilities**

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Store in accordance with local regulations.

Other data : Keep in a dry place. No decomposition if stored and applied as directed.

**7.3 Specific end use(s)**

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

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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 * |
|-----------------------------|------------|-------|-----------------------|---------|
| Cement, portland, chemicals | 65997-15-1 | TWA   | 10 mg/m <sup>3</sup>  | GB EH40 |
|                             |            | TWA   | 4 mg/m <sup>3</sup>   | GB EH40 |
| Quartz (SiO <sub>2</sub> )  | 14808-60-7 | TWA   | 0,1 mg/m <sup>3</sup> | GB EH40 |

**SAFETY DATA SHEET**  
 according to Regulation (EC) No. 1907/2006  
**Sika MonoTop®-160 Migrating**



Revision Date 24.01.2018

Version 1.0

Print Date 24.01.2018

|           |           |     |          |         |
|-----------|-----------|-----|----------|---------|
| Limestone | 1317-65-3 | TWA | 10 mg/m3 | GB EH40 |
|           |           | TWA | 4 mg/m3  | GB EH40 |

**general dust value**

| Form of exposure | Value type | Control parameters | Basis   |
|------------------|------------|--------------------|---------|
| Inhalable        | TWA        | 10 mg/m3           | GB EH40 |
| Respirable       | TWA        | 4 mg/m3            | GB EH40 |

**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.  
  
 Recommended: Butyl rubber/nitrile rubber gloves.  
 Contaminated gloves should be removed.
- Skin and body protection** : Dust impervious protective suit  
 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.  
 particulate filter P  
 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** : Do not flush into surface water or sanitary sewer system.

**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
**Sika MonoTop®-160 Migrating**



Revision Date 24.01.2018

Version 1.0

Print Date 24.01.2018

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**SECTION 9: Physical and chemical properties**

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

|  |                             |
|--|-----------------------------|
| Appearance                             | : powder                    |
| Colour                                 | : grey                      |
| Odour                                  | : characteristic            |
| Odour Threshold                        | : No data available         |
| Flash point                            | : Not applicable            |
| Autoignition temperature               | : No data available         |
| Decomposition temperature              | : No data available         |
| Lower explosion limit (Vol-%)          | : No data available         |
| Upper explosion limit (Vol-%)          | : No data available         |
| Flammability                           | : No data available         |
| Explosive properties                   | : No data available         |
| Oxidizing properties                   | : No data available         |
| pH                                     | : Not applicable            |
| Melting point/range / Freezing point   | : No data available         |
| Boiling point/boiling range            | : No data available         |
| Vapour pressure                        | : No data available         |
| Density                                | : No data available         |
| Bulk density                           | : ca. 1,3 kg/m <sup>3</sup> |
| Water solubility                       | : No data available         |
| Partition coefficient: n-octanol/water | : No data available         |
| Viscosity, dynamic                     | : No data available         |
| Viscosity, kinematic                   | : Not applicable            |
| Relative vapour density                | : No data available         |
| Evaporation rate                       | : No data available         |

SAFETY DATA SHEET  
according to Regulation (EC) No. 1907/2006  
**Sika MonoTop®-160 Migrating**



Revision Date 24.01.2018

Version 1.0

Print Date 24.01.2018

**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.

**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:**

**potassium carbonate:**

Acute oral toxicity : LD50 Oral (Rat): > 2.001 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.

**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**

**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 : The generation of waste should be avoided or minimized wherever possible.  
Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.  
Dispose of surplus and non-recyclable products via a licensed

SAFETY DATA SHEET  
according to Regulation (EC) No. 1907/2006  
**Sika MonoTop®-160 Migrating**



Revision Date 24.01.2018

Version 1.0

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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.

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

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## SECTION 14: Transport information

### 14.1 UN number

Not regulated as a dangerous good

### 14.2 UN proper shipping name

Not regulated as a dangerous good

### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

### 14.4 Packing group

Not regulated as a dangerous good

### 14.5 Environmental hazards

Not regulated as a dangerous good

### 14.6 Special precautions for user

No data available

### 14.7 Transport in bulk according to Annex II of Marpol 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

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## Sika MonoTop®-160 Migrating



Revision Date 24.01.2018

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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

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: : Environmental Protection Act 1990 & Subsidiary Regulations  
Health and Safety at Work Act 1974 & Subsidiary Regulations  
Control of Substances Hazardous to Health Regulations (COSHH)  
May be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments.

Other regulations : This product contains cement. Wet cement or mortar may cause alkali burns if in direct and/or prolonged contact with the skin. Wear protective clothing at all times when working with cement based products.

### 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

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

#### Full text of other abbreviations

Eye Dam. Serious eye damage

**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
**Sika MonoTop®-160 Migrating**



Revision Date 24.01.2018

Version 1.0

Print Date 24.01.2018

|             |  |
|-------------|--|
| Eye Irrit.  | Eye irritation   |
| Skin Irrit. | Skin irritation  |
| Skin Sens.  | Skin sensitisation   |
| 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, 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   |

**Classification of the mixture:**

|               |      |
|---------------|------|
| Skin Irrit. 2 | H315 |
| Eye Dam. 1    | H318 |
| Skin Sens. 1  | H317 |
| STOT SE 3     | H335 |

**Classification procedure:**

|                    |
|--------------------|
| Calculation method |
| Calculation method |
| Calculation method |
| Calculation method |

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

|| Changes as compared to previous version !