According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Sika MonoTop®-1010

Date of last issue: 20.12.2023 Version 3.1 Print Date 29.02.2024

Revision Date: 31.01.2024

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

1.1 Product identifier

Trade name : Sika MonoTop®-1010

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 name of supplier : Sika Limited

Watchmead Welwyn Garden City

Hertfordshire. AL7 1BQ

Telephone : +44 (0)1707 394444
Telefax : +44 (0)1707 329129
E-mail address of person : EHS@uk.sika.com

responsible for the SDS

1.4 Emergency telephone number

National Chemical Emergency Centre (NCEC) 24 Hour Emergency Telephone Number +44 870 190 6777

SECTION 2: Hazards identification

2.1 Classification of the substance or 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.

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

Hazard statements : H315 Causes skin irritation.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Sika MonoTop®-1010

Date of last issue: 20.12.2023 Revision Date: 31.01.2024	Version 3.1		Print Date 29.02.2024
	H318 H335	Causes serious eye damage. May cause respiratory irritation.	
Precautionary statements :	P101	If medical advice is needed, have container or label at hand.	e product
	P102	Keep out of reach of children.	
	Prevention:		
	P271	Use only outdoors or in a well-ve	ntilated ar-
	P280	Wear protective gloves/ eye protection.	ection/ face
	Response:		
	-	338 + P310 IF IN EYES: Rinse with water for several minutes. R tact lenses, if present and easy tinue rinsing. Immediately call a I CENTER/ doctor.	Remove con- o do. Con-
	Disposal:		

Hazardous components which must be listed on the label:

P501

Cement (chromium reduced)

2.3 Other hazards

The content of soluble Chromium (VI) is not greater than 0,0002% in accordance with Annex XVII, Paragraph 47 of the EU Regulation 1907/2006.

Dispose of contents/container in accordance

with local regulation.

The product reacts highly alkaline with water.

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.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Sika MonoTop®-1010

Date of last issue: 20.12.2023 Version 3.1 Print Date 29.02.2024

Revision Date: 31.01.2024

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No.	Classification	Concentration	
	EC-No.		(% w/w)	
	Registration number			
Cement (chromium reduced)	65997-15-1	Skin Irrit. 2; H315	>= 25 - < 40	
	266-043-4	Eye Dam. 1; H318		
		STOT SE 3; H335		
		(Respiratory system)		
Substances with a workplace exposure limit :				
Limestone	1317-65-3		>= 5 - < 10	
Contains:	215-279-6			
Quartz (SiO2) <5µm >= 0,1 %				
Fumes, silica	69012-64-2		>= 5 - < 10	
	273-761-1			
	01-2119486866-17-			
	XXXX			

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 tis-

sue 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.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Sika MonoTop®-1010

Date of last issue: 20.12.2023 Version 3.1 Print Date 29.02.2024

Revision Date: 31.01.2024

4.2 Most important symptoms and effects, both acute and delayed

Symptoms Cough

> Respiratory disorder Excessive lachrymation

Ervthema **Dermatitis**

See Section 11 for more detailed information on health effects

and symptoms.

irritant effects Risks

Causes skin irritation.

Causes serious eve damage. May cause respiratory irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

In case of fire, use water/water spray/water jet/carbon diox-Suitable extinguishing media

ide/sand/foam/alcohol resistant foam/chemical powder for

extinction.

5.2 Special hazards arising from the substance or mixture

ucts

Hazardous combustion prod- : No hazardous combustion products are known

5.3 Advice for firefighters

for firefighters

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

Further information Standard procedure for chemical fires.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment.

Avoid breathing dust.

Deny access to unprotected persons.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Sika MonoTop®-1010

Date of last issue: 20.12.2023 Version 3.1 Print Date 29.02.2024

Revision Date: 31.01.2024

6.2 Environmental precautions

Environmental precautions : Try to prevent the material from entering drains or water

courses.

No special environmental precautions required.

6.3 Methods and material for containment and cleaning up

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.

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.

Smoking, eating and drinking should be prohibited in the ap-

plication 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.

Further information on stor-

age stability

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.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Sika MonoTop®-1010

Date of last issue: 20.12.2023 Version 3.1 Print Date 29.02.2024

Revision Date: 31.01.2024

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *
Cement (chromium reduced)	65997-15-1	TWA (inhalable dust)	10 mg/m3	GB EH40
		TWA (Respirable dust)	4 mg/m3	GB EH40
Limestone	1317-65-3	TWA (inhalable dust)	10 mg/m3	GB EH40
	dust and inhall will be collected the methods of pling and grave aerosols., The health include in air equal to dust or 4 mg.r any dust will be above these lewels and explimits., Most in sizes. The belafter entry into sponse that it HSE distinguistermed 'inhalate the fraction of during breathing breathing respiratory trapenetrates to tions and expledusts contain the relevant line short-term expenses of the second	ration: For the purposable dust are those ad when sampling is described in MDHS1 rimetric analysis or reconstruction of a COSHH definition of a dust of any kind wor greater than 10 mm-3 8-hour TWA of resubject to COSHH devels. Some dusts housere to these must adustrial dusts contain aviour, deposition and the human respirate elicits, depend on the shest two size fractionals are to the gas exchange recomponents that has mits should be composure limit is listed, a limit should be use TWA (Respirable dust)	fractions of airbor undertaken in ac 4/4 General meth espirable, thoracion a substance has hen present at a cong.m-3 8-hour TW respirable dust. The fif people are expave been assigned to comply with the in particles of a ward fate of any particles of a w	ne dust which cordance with ods for sam- c and inhalable zardous to concentration /A of inhalable his means that cosed to dust despecific appropriate ide range of rticular particle he body resofthe particle. I purposes pproximates to e and mouth sition in the he fraction that Fuller definid/4., Where gned WEL, all no specific
Fumes, silica	69012-64-2	TWA (inhalable dust)	6 mg/m3 (Silica)	GB EH40
	dust and inhal will be collected the methods of pling and grave aerosols., The	ation: For the purpo able dust are those ed when sampling is lescribed in MDHS1 rimetric analysis or r e COSHH definition s dust of any kind w	ses of these limits fractions of airbor undertaken in ac 4/4 General meth espirable, thoracion a substance ha	ne dust which cordance with ods for samcand inhalable zardous to

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Sika MonoTop®-1010

Date of last issue: 20.12.2023 Version 3.1 Print Date 29.02.2024

Revision Date: 31.01.2024

in air equal to or greater than 10 mg.m-3 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed to dust above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limits., Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system, and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'., Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/4., Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with., Where no specific short-term exposure limit is listed, a figure three times the longterm exposure limit should be used. TWA (Respirable 2,4 mg/m3 GB EH40 dust) (Silica)

general dust value

Form of exposure	Peak-limit: excursion factor (category)	Value type	Control parameters	Basis
Inhalable		TWA	10 mg/m3	GB EH40
Respirable fraction		TWA	4 mg/m3	GB EH40

8.2 Exposure controls

Engineering measures

Maintain air concentrations below occupational exposure standards.

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection : Safety glasses with side-shields conforming to EN166

Eye wash bottle with pure water

Hand protection : Chemical-resistant, impervious gloves complying with an ap-

proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu-

facturer 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,

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

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Sika MonoTop®-1010

Date of last issue: 20.12.2023 Version 3.1 Print Date 29.02.2024

Revision Date: 31.01.2024

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 work-

ing 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 sufficent to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

Environmental exposure controls

General advice : Try to prevent the material from entering drains or water

courses.

No special environmental precautions required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state solid Appearance powder Colour grey

Odour odourless

Melting point/range / Freezing : No data available

point

No data available Boiling point/boiling range

No data available Flammability (solid, gas)

Upper/lower flammability or explosive limits

Upper explosion limit / Up- : No data available

per flammability limit

Lower explosion limit / Lower flammability limit No data available

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Sika MonoTop®-1010

Date of last issue: 20.12.2023 Version 3.1 Print Date 29.02.2024

Revision Date: 31.01.2024

Flash point : Not applicable

Auto-ignition temperature : No data available

Decomposition temperature : No data available

pH : > 11 (20 °C)

Concentration: 50 %

Viscosity

Viscosity, kinematic : No data available

Solubility(ies)

Water solubility : insoluble

Partition coefficient: n-

octanol/water

No data available

Vapour pressure : No data available

Density : No data available

Bulk density : ca. 1,08 kg/m3 (20 °C)

Relative vapour density : No data available

Particle characteristics : No data available

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Sika MonoTop®-1010

Date of last issue: 20.12.2023 Version 3.1 Print Date 29.02.2024

Revision Date: 31.01.2024

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

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

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

Acute toxicity

Not classified due to lack of data.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitisation

Skin sensitisation

Not classified due to lack of data.

Respiratory sensitisation

Not classified due to lack of data.

Germ cell mutagenicity

Not classified due to lack of data.

Carcinogenicity

Not classified due to lack of data.

Reproductive toxicity

Not classified due to lack of data.

STOT - single exposure

May cause respiratory irritation.

STOT - repeated exposure

Not classified due to lack of data.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Sika MonoTop®-1010

Date of last issue: 20.12.2023 Version 3.1 Print Date 29.02.2024

Revision Date: 31.01.2024

Aspiration toxicity

Not classified due to lack of data.

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components consid-

ered 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

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 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components consid-

ered 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 infor- : There is no data available for this product.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Sika MonoTop®-1010

Date of last issue: 20.12.2023 Version 3.1 Print Date 29.02.2024

Revision Date: 31.01.2024

mation

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.

European Waste Catalogue : 17 01 06* mixtures of, or separate fractions of concrete,

bricks, tiles and ceramics containing dangerous substances

: 16 03 03* inorganic wastes containing dangerous substances

Contaminated packaging : 15 01 10* packaging containing residues of or contaminated

by dangerous substances

SECTION 14: Transport information

14.1 UN number or ID number

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : Not regulated as a dangerous good

14.2 UN proper shipping name

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : Not regulated as a dangerous good

14.3 Transport hazard class(es)

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : Not regulated as a dangerous good

Country GB 100000021717

12 / 15

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Sika MonoTop®-1010

Date of last issue: 20.12.2023 Version 3.1 Print Date 29.02.2024

Revision Date: 31.01.2024

14.4 Packing group

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA (Cargo) : Not regulated as a dangerous good

IATA (Passenger) : Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixtureRelevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17) : Not applicable

UK REACH Candidate list of substances of very high

concern (SVHC) for Authorisation

Not applicable

The Persistent Organic Pollutants Regulations (retained

Regulation (EU) 2019/1021 as amended for Great Brit-

ain)

Not applicable

International Chemical Weapons Convention (CWC)

Schedules of Toxic Chemicals and Precursors

Not applicable

Regulation (EC) No 1005/2009 on substances that de-

plete the ozone layer

Not applicable

UK REACH List of substances subject to authorisation

(Annex XIV)

Not applicable

GB Export and import of hazardous chemicals - Prior

Informed Consent (PIC) Regulation

Not applicable

Control of Major Accident Hazards Regulations Not applicable

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Sika MonoTop®-1010

Date of last issue: 20.12.2023 Version 3.1 Print Date 29.02.2024

Revision Date: 31.01.2024

2015 (COMAH)

Volatile organic compounds : Law on the incentive tax for volatile organic compounds

(VOCV)

Volatile organic compounds (VOC) content: 0% w/w

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:

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

15.2 Chemical safety assessment

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

SECTION 16: Other information

Full text of H-Statements

H315 : Causes skin irritation.

H318 : Causes serious eye damage. H335 : May cause respiratory irritation.

Full text of other abbreviations

Eye Dam. : Serious eye damage

Skin Irrit. : Skin irritation

STOT SE : Specific target organ toxicity - single exposure GB EH40 : UK. EH40 WEL - Workplace Exposure Limits

GB EH40 / TWA : Long-term exposure limit (8-hour TWA reference period)
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

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Sika MonoTop®-1010

Date of last issue: 20.12.2023 Version 3.1 Print Date 29.02.2024

Revision Date: 31.01.2024

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: Classification procedure:

Skin Irrit. 2 H315 Calculation method
Eye Dam. 1 H318 Calculation method
STOT SE 3 H335 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!

GB / EN