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

1.1 Product identifier

Trade name : SikaScreed[®] binder

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 responsible for the SDS	:	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.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Specific target organ toxicity - single ex-	H335: May cause respiratory irritation.
posure, Category 3, Respiratory system	

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms		
Signal word	: Danger	•
Hazard statements	: H315 H317 H318 H335	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation.

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Precautionary statements :	P101	If medical advice is needed, has container or label at hand.	ve product
	P102	Keep out of reach of children.	
	Prevention:		
	P271	Use only outdoors or in a well-v ea.	ventilated ar-
	P280	Wear protective gloves/ eye pro protection.	otection/ face
	Response:		
	P305 + P351 +	P338 + P310 IF IN EYES: Rins with water for several minutes. tact lenses, if present and easy tinue rinsing. Immediately call a CENTER/ doctor.	Remove con- to do. Con-
	Disposal:		
	P501	Dispose of contents/container in with local regulation.	n accordance

Hazardous components which must be listed on the label:

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.

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.





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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
Cement, portland, chemicals	65997-15-1 266-043-4	Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 STOT SE 3; H335	>= 60 - < 80
calcium oxide	1305-78-8 215-138-9 01-2119475325-36- XXXX	Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335	>= 3 - < 5
Substances with a workplace expo	sure limit :		
Limestone Contains: Quartz (SiO2) <5µm >= 0,1 %	1317-65-3 215-279-6		>= 10 - < 20
Fumes, silica	69012-64-2 273-761-1 01-2119486866-17- XXXX		>= 1 - < 2,5

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.
lf 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.



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If swallowed	 Do not induce vomiting without medical advic Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconsci 	
4.2 Most important symptoms and	l effects, both acute and delayed	
Symptoms	Cough Respiratory disorder Allergic reactions Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed information and symptoms.	on health effects
Risks	: irritant effects sensitising effects	
	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation.	
4.3 Indication of any immediate m	edical attention and special treatment needed	4
Treatment	: Treat symptomatically.	-
SECTION 5: Firefighting measu	Ires	
5.1 Extinguishing media Suitable extinguishing media	: In case of fire, use water/water sprav/water ie	t/carbon diox-

Suitable extinguishing media	:	In case of fire, use water/water spray/water jet/carbon diox-
		ide/sand/foam/alcohol resistant foam/chemical powder for
		extinction.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion prod-	:	No hazardous combustion products are known
ucts		

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	e measures	_
6.1 Personal precautions, protect	ive equipment and emergency procedures	3
Personal precautions	: Use personal protective equipment. Avoid breathing dust. Deny access to unprotected persons.	
6.2 Environmental precautions		
Environmental precautions	: Do not flush into surface water or sanitary	v sewer system.
6.3 Methods and material for cont	ainment and cleaning up	
Methods for cleaning up	: Pick up and arrange disposal without creat Keep in suitable, closed containers for dis	0

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. Persons with a history of skin sensitisation problems or asth- ma, 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 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, inc	clu	uding 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.



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7.3 Specific end use(s)

Specific use(s)

: Consult most current local Product Data Sheet prior to any use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form	Control parame-	Basis *
	05007.45.4	of exposure)	ters *	
Cement, portland, chemicals	65997-15-1	TWA (inhalable dust)	10 mg/m3	GB EH40
		TWA (Respirable dust)	4 mg/m3	GB EH40
Limestone	1317-65-3	TWÁ (inhalable dust)	10 mg/m3	GB EH40
	dust and inha will be collect the methods pling and gra aerosols., Th health include in air equal to dust or 4 mg. any dust will above these WELs and ex limits., Most i sizes. The be after entry int sponse that if HSE distingu termed 'inhal the fraction o during breath respiratory tra penetrates to tions and exp dusts contain the relevant I short-term ex term exposur	nation: For the purport alable dust are those additional end of the vimetric analysis or re- e COSHH definition es dust of any kind wo or greater than 10 r m-3 8-hour TWA of re- be subject to COSHI levels. Some dusts has posure to these must addustrial dusts contained the subject to COSHI levels. Some dusts has posure to these must addustrial dusts contained the human respirat the size fractional telicits, depend on the ishes two size fractio	fractions of airbol a undertaken in ac 4/4 General meth respirable, thoraci of a substance ha when present at a mg.m-3 8-hour TW respirable dust. Th if people are exp ave been assigned to comply with the and fate of any pa tory system, and the nature and size ons for limit-setting and fate of any pa tory system, and the nature and size ons for limit-setting and the lung. e given in MDHS1 we their own assigned blied with., Where a figure three time ad. 4 mg/m3	rne dust which cordance with lods for sam- c and inhalable zardous to concentration VA of inhalable his means that posed to dust ed specific appropriate ride range of rticular particle the body re- e of the particle. g purposes approximates to e and mouth sition in the he fraction that Fuller defini- 4/4., Where gned WEL, all no specific les the long- GB EH40
calcium oxide	1305-78-8	TWA (Respirable	1 mg/m3	2017/164/EU
		fraction)		
	Further inform	fraction) nation: Indicative		



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		fraction)	1			
		TWA	2 mg/m3	GB EH40		
		TWA (Respirable	1 mg/m3	GB EH40		
		fraction)				
		STEL (Respirable fraction)	4 mg/m3	GB EH40		
Fumes, silica	69012-64-2	TWA (inhalable dust)	6 mg/m3 (Silica)	GB EH40		
	Further infor	mation: For the purpo	oses of these lim	iits, respirable		
	dust and inh	alable dust are those	fractions of airb	orne dust which		
	will be collect	ted when sampling is	s undertaken in a	accordance with		
	the methods	described in MDHS1	14/4 General me	thods for sam-		
	pling and gra	avimetric analysis or i	respirable, thora	cic and inhalable		
	aerosols., Th	ne COSHH definition	of a substance l	nazardous to		
	health includ	les dust of any kind w	/hen present at a	a concentration		
	in air equal t	o or greater than 10 ı	ng.m-3 8-hour T	WA of inhalable		
	dust or 4 mg	dust or 4 mg.m-3 8-hour TWA of respirable dust. This means that				
	any dust will	any dust will be subject to COSHH if people are exposed to dust				
	above these	levels. Some dusts h	nave been assig	ned specific		
	WELs and e	WELs and exposure to these must comply with the appropriate				
	limits., Most	limits., Most industrial dusts contain particles of a wide range of				
	sizes. The b	ehaviour, deposition	and fate of any p	particular particle		
	after entry in	after entry into the human respiratory system, and the body re-				
	sponse that	sponse that it elicits, depend on the nature and size of the particle.				
		uishes two size fractio				
		lable' and 'respirable'				
		of airborne material th				
	during breat	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 defini-				
		tions and explanatory material are given in MDHS14/4., Where				
		dusts contain components that have their own assigned WEL, all				
		limits should be com				
		xposure limit is listed				
		re limit should be use				
		TWA (Respirable dust)	2,4 mg/m3 (Silica)	GB EH40		

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

general dust value

Form of exposure	Peak-limit: excursion factor (category)	Value type	Control parame- ters	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.



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Personal protective equip	ment		
Eye/face protection	:	Safety glasses with side-shields confor Eye wash bottle with pure water	rming to EN166
Hand protection	:	Chemical-resistant, impervious gloves proved standard must be worn at all tir chemical products. Reference number facturer specifications.	mes when handling
		Recommended: Butyl rubber/nitrile rub Contaminated gloves should be remov	
Skin and body protection	:	Dust impervious protective suit Protective clothing (e.g. Safety shoes a long-sleeved working clothing, long tro and protective boots are additionally re and stirring work.	ousers). Rubber aprons
Respiratory protection	:	In case of inadequate ventilation wear Respirator selection must be based on exposure levels, the hazards of the pro- ing limits of the selected respirator. particulate filter P	h known or anticipated oduct and the safe work-
		P1: Inert material; P2, P3: hazardous s Ensure adequate ventilation. This can exhaust extraction or by general ventila ods for determining inhalation exposur ticular to the mixing / stirring area. In c to keep the concentrations under the o limits then respiration protection measure	be achieved by local ation. (EN 689 - Meth- re). This applies in par- ase this is not sufficent occupational exposure
Environmental exposure c	ontro	bls	
General advice	:	Do not flush into surface water or sanit	tary sewer system.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	:	solid	
Appearance	:	powder	
Colour	:	grey	
Odour	:	characteristic	
Melting point/range / Freezing point	:	No data available	
Boiling point/boiling range	:	No data available	
Flammability (solid, gas)	:	No data available	
Upper/lower flammability or explosive limits			

Upper explosion limit / Up- : No data available



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per flammability limit			
Lower explosion limit / Lower flammability limit	:	No data available	
Flash point	:	Not applicable	
Auto-ignition temperature	:	Not applicable	
Decomposition temperature	:	No data available	
рН	:	> 10 (20 °C) Concentration: 50 %	
Viscosity			
Viscosity, dynamic	:	Not applicable	
Viscosity, kinematic	:	Not applicable	
Solubility(ies)			
Water solubility	:	insoluble	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	No data available	
Density	:	ca. 1,2 g/cm3 (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.

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



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Conditions to avoid	: No data available		
10.5 Incompatible materials Materials to avoid	: No data available		
10.6 Hazardous decomposition No decomposition if stored an			
SECTION 11: Toxicological in	ormation		
11.1 Information on hazard class	es as defined in Regulation (EC) No 1272/2008		
Acute toxicity Not classified due to lack of d	a.		
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 rea	ction.		
Respiratory sensitisation Not classified due to lack of d			
Germ cell mutagenicity Not classified due to lack of d	a.		
Carcinogenicity Not classified due to lack of da	a.		
Reproductive toxicity Not classified due to lack of da	a.		
STOT - single exposure May cause respiratory irritatio			
STOT - repeated exposure Not classified due to lack of da	a.		
Aspiration toxicity Not classified due to lack of d			



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11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment

: 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.

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.
mation		



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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Р	ro	dı	110	۰t
	ιu	u	uu	λ.

 The generation of waste should be a wherever possible. Empty containers or liners may retain This material and its container must b 	n some product residues.
way. Dispose of surplus and non-recyclab waste disposal contractor. Disposal of this product, solutions an at all times comply with the requirem- protection and waste disposal legisla local authority requirements. Avoid dispersal of spilled material an soil, waterways, drains and sewers.	d any by-products should ents of environmental tion and any regional

SECTION 14: Transport information

14.1 UN number or ID number

:	Not regulated as a dangerous good
:	Not regulated as a dangerous good
:	Not regulated as a dangerous good
:	Not regulated as a dangerous good
:	Not regulated as a dangerous good
:	Not regulated as a dangerous good
:	Not regulated as a dangerous good
:	Not regulated as a dangerous good
:	Not regulated as a dangerous good
:	Not regulated as a dangerous good
:	Not regulated as a dangerous good
:	Not regulated as a dangerous good
:	Not regulated as a dangerous good



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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 mixture

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Ar	:	Not applicable	
UK REACH Candidate list of subs concern (SVHC) for Authorisation	:	Not applicable	
The Persistent Organic Pollutants Regulation (EU) 2019/1021 as an ain)	:	Not applicable	
International Chemical Weapons Schedules of Toxic Chemicals an	:	Not applicable	
Regulation (EC) No 1005/2009 or plete the ozone layer	:	Not applicable	
UK REACH List of substances su (Annex XIV)	:	Not applicable	
GB Export and import of hazardou Informed Consent (PIC) Regulation	:	Not applicable	
Control of Major Accident Hazards	s Regulations	Not	applicable
2015 (COMAH) Volatile organic compounds :	Law on the incentive ta (VOCV) no VOC duties	ax fo	or volatile organic compounds
			4 November 2010 on industrial ution prevention and control)
If other regulatory information app	olies that is not already p	prov	ided elsewhere in the Safety Da

It 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 environ-	Environmental Protection Act 1990 & Subsidiar	y Regulations
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mental regulation/legislation specific for the substance or mixture:	Health and Safety at Work Act 1974 & Control of Substances Hazardous to (COSHH) May be subject to the Control of Majo Regulations (COMAH), and amendme	Health Regulations or Accident Hazards

Other regulations:

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 H317 H318 H335	:	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation.
Full text of other abbreviation Eye Dam.	ons :	Serious eye damage
Skin Irrit.	:	Skin irritation
Skin Sens.	:	Skin sensitisation
STOT SE	:	Specific target organ toxicity - single exposure
2017/164/EU	:	Europe. Commission Directive 2017/164/EU establishing a fourth list of indicative occupational exposure limit values
GB EH40	:	UK. EH40 WEL - Workplace Exposure Limits
2017/164/EU / STEL	:	Short term exposure limit
2017/164/EU / TWA	:	Limit Value - eight hours
GB EH40 / TWA	:	Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL	:	Short-term exposure limit (15-minute 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
GHS	:	Globally Harmonized System
ΙΑΤΑ	:	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

H317



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PNEC REACH	: Regulation and of the (istration, Ev	o effect concentration (EC) No 1907/2006 of the Council of 18 December 20 valuation, Authorisation and CH), establishing a Europea	006 concerning the Reg- d Restriction of Chemi-	
SVHC vPvB	: Substances	Substances of Very High Concern Very persistent and very bioaccumulative		
Further information				
Classification of the mixt	ıre:	Classificatio	on procedure:	
Skin Irrit. 2	H315	Calculation n	nethod	
Eye Dam. 1	H318	Calculation n	nethod	

Calculation method

STOT SE 3	H335	Calculation method
The information cont	ained in this Cafaty Data C	
	-	heet corresponds to our level of knowledge at

it 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

Skin Sens. 1