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

## **1.1 Product identifier**

Trade name Parex<sup>®</sup> PARLUMIERE MOYEN

#### 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 Telefax E-mail address of person	:	+44 (0)1707 394444 +44 (0)1707 329129 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 12	72/2008)
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- posure, Category 3, Respiratory system	H335: May cause respiratory irritation.

#### 2.2 Label elements

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

Hazard pictograms



Signal word

Danger

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Hazard statements :	H315 H317 H318 H335	Causes skin irritation. May cause an allergic skin react Causes serious eye damage. May cause respiratory irritation.	ion.
Precautionary statements :	Prevention:		
	P261	Avoid breathing dust/ fume/ gas/ pours/ spray.	/ mist/ va-
	P264 P280	Wash skin thoroughly after hand Wear protective gloves/ eye prot protection.	
	Response:		
	P304 + P340 + F	2312 IF INHALED: Remove per air and keep comfortable for bre POISON CENTER/ doctor if you	athing. Call a
	P305 + P351 + F	2338 + P310 IF IN EYES: Rinse with water for several minutes. F tact lenses, if present and easy t tinue rinsing. Immediately call a CENTER/ doctor.	e cautiously Remove con- to do. Con-
	P333 + P313	If skin irritation or rash occurs: G advice/ attention.	Set medical

### Hazardous components which must be listed on the label:

calcium dihydroxide 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

#### Components

Componente			
Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Registration number		
calcium dihydroxide	1305-62-0	Skin Irrit. 2; H315	>= 10 - < 20
	215-137-3	Eye Dam. 1; H318	
	01-2119475151-45-	STOT SE 3; H335	
	XXXX	(Respiratory system)	



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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	>= 10 - < 20
Flue dust, portland cement	68475-76-3 270-659-9 01-2119486767-17- XXXX	Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335	>= 2,5 - < 3
Substances with a workplace expo	osure limit :	·	
Quartz (SiO2)	14808-60-7 238-878-4		>= 40 - < 60
calcium carbonate	471-34-1 207-439-9 01-2119486795-18- XXXX		>= 25 - < 40
Limestone Contains: Quartz (SiO2) <5µm >= 0,1 %	1317-65-3 215-279-6		>= 10 - < 20

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.



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4.2 Most important symptoms a	ind effects, both acute and delayed	
Symptoms	: Cough Respiratory disorder Allergic reactions Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed info and symptoms.	rmation on health effects
Risks	<ul> <li>irritant effects sensitising effects</li> <li>Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation.</li> </ul>	
4.3 Indication of any immediate	medical attention and special treatment	needed
Treatment	: Treat symptomatically.	

# 5.1 Extinguishing media

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.
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#### 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.

# **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.



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<b>6.2 Environmental precautions</b> Environmental precautions	: Do not flush into surface water or sanitary sewe	r system.
6.3 Methods and material for con	ainment and cleaning up	
Methods for cleaning up	: Pick up and arrange disposal without creating d 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	:	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 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, ir	ncl	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)

## **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 *					
calcium carbonate	471-34-1	TWA (inhalable dust)	10 mg/m3	GB EH40					
	Eurthor inform	Further information: For the purposes of these limits, respirable							
		dust and inhalable dust are those fractions of airborne dust which							
		will be collected when sampling is undertaken in accordance with							
		the methods described in MDHS14/4 General methods for sam-							
		pling and gravimetric analysis or respirable, thoracic and inhalable aerosols., The COSHH definition of a substance hazardous to							
		es dust of any kind w							
		or greater than 10 r							
		m-3 8-hour TWA of							
		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 re-							
		sponse 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 defini-							
	tions and exp	tions 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 long-							
	term exposure	e limit should be use							
		TWA (Respirable	4 mg/m3	GB EH40					
a a laium dibudrasida	1305-62-0	dust) TWA (Respirable	1 mg/m2	2017/164/EU					
calcium dihydroxide	1305-62-0	fraction)	1 mg/m3	2017/164/EU					
	Eurther inform	nation: Indicative							
		STEL (Respirable	4 mg/m3	2017/164/EU					
		fraction)	4 mg/m3	2017/104/20					
		TWA	5 mg/m3	GB EH40					
		TWA (Respirable	1 mg/m3	GB EH40					
		fraction)							
-		STEL (Respirable	4 mg/m3	GB EH40					
		fraction)	Ū.						
Limestone	1317-65-3	TWA (inhalable	10 mg/m3	GB EH40					
		dust)							



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	dust and inhala will be collecte the methods de pling and gravi aerosols., The health includes in air equal to o dust or 4 mg.m any dust will be above these le WELs and exp limits., Most ind sizes. The beh after entry into sponse that it e HSE distinguis termed 'inhalat the fraction of a during breathin respiratory trac penetrates to t tions and expla dusts contain o the relevant lim short-term exp	ation: For the purpo able dust are those d when sampling is escribed in MDHS1 metric analysis or re COSHH definition of a dust of any kind w or greater than 10 m -3 8-hour TWA of r e subject to COSHH vels. Some dusts h osure to these mus dustrial dusts conta aviour, deposition a the human respirat elicits, depend on th hes two size fractio ole' and 'respirable'. airborne material than g and is therefore a the gas exchange re anatory material are components that ha hits should be comp osure limit is listed, limit should be use TWA (Respirable	fractions of airbor undertaken in act 4/4 General meth espirable, thoracid of a substance ha hen present at a c ng.m-3 8-hour TW espirable dust. Th if people are exp ave been assigne t comply with the in particles of a w and fate of any pai ory system, and the nature and size ns for limit-setting , Inhalable dust a at enters the nose available for depose approximates to the gion of the lung. I given in MDHS14 ve their own assigned a figure three tim	ne dust which cordance with ods for sam- c and inhalable zardous to concentration /A of inhalable nis means that oosed to dust d specific appropriate ide range of rticular particle he body re- of the particle. I purposes pproximates to and mouth sition in the ne fraction that Fuller defini- 4/4., Where gned WEL, all no specific
		dust)	-	
Cement, portland, chemicals	65997-15-1	TWA (inhalable dust)	10 mg/m3	GB EH40
		TWA (Respirable dust)	4 mg/m3	GB EH40

\*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	Value type	Control parameters	Basis
Inhalable	TWA	10 mg/m3	GB EH40
Respirable fraction	TWA	4 mg/m3	GB EH40

## 8.2 Exposure controls

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



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	facturer specifications.	
	Recommended: Butyl rubber/nitrile rubber glove Contaminated gloves should be removed.	S.
Skin and body protection	Dust impervious protective suit Protective clothing (e.g. Safety shoes acc. to EN long-sleeved working clothing, long trousers). Re and protective boots are additionaly recommend and stirring work.	ubber aprons
Respiratory protection :	In case of inadequate ventilation wear respirator Respirator selection must be based on known of exposure levels, the hazards of the product and ing limits of the selected respirator. particulate filter P P1: Inert material; P2, P3: hazardous substance Ensure adequate ventilation. This can be achieve exhaust extraction or by general ventilation. (EN ods for determining inhalation exposure). This a ticular to the mixing / stirring area. In case this is to keep the concentrations under the occupation limits then respiration protection measures must	r anticipated the safe work- s red by local l 689 - Meth- pplies in par- s not sufficent nal exposure
Environmental exposure cont	rols	
General advice	: Do not flush into surface water or sanitary sever	r system.

#### General advice : Do

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

# **SECTION 9: Physical and chemical properties**

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

Physical state Appearance Colour	::	solid powder No data available
Odour	:	No data available
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



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Upper explosion limit / Up- per flammability limit	:	No data available	
Lower explosion limit / Lower flammability limit	:	No data available	
Flash point	:	Not applicable	
Auto-ignition temperature	:	No data available	
Decomposition temperature	:	No data available	
рН	:	No data available	
<b>Viscosity</b> Viscosity, kinematic	:	No data available	
<b>Solubility(ies)</b> Water solubility	:	No data available	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	No data available	
Density	:	> 1 g/cm3 (20 °C)	
Relative vapour density	:	No data available	
Particle characteristics	:	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

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 based on available information.

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.



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#### **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.

## 11.2 Information on other hazards

# **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**

No data available

### 12.7 Other adverse effects

### Product:

Additional ecological infor- : There is no data available for this product. mation

:

# **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Product

The generation of waste should be avoided or minimized



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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.

# **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		
ΙΑΤΑ	:	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		
ΙΑΤΑ	:	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		
ΙΑΤΑ	:	Not regulated as a dangerous good		
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		
<b>14.5 Environmental hazards</b> Not regulated as a dangerous good				

### 14.6 Special precautions for user

Not applicable



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# 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

International Chemical Weapons Schedules of Toxic Chemicals an	: Not applicable	
Regulation (EC) No 1005/2009 or plete the ozone layer	n substances that de-	: Not applicable
Volatile organic compounds :	Law on the incentive tax (VOCV) no VOC duties	for volatile organic compounds
		24 November 2010 on industrial Illution prevention and control)

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 environ- mental 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:

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



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Full text of other abbreviations				
Eye Dam. :	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			
040	Dangerous Goods by Road			
CAS :	Chemical Abstracts Service			
DNEL :	Derived no-effect level			
EC50 : GHS :	Half maximal effective concentration			
IATA :	Globally Harmonized System International Air Transport Association			
IMDG :	International Maritime Code for Dangerous Goods			
LD50	Median lethal dosis (the amount of a material, given all at			
ED00	once, which causes the death of 50% (one half) of a group of			
	test animals)			
LC50 :	Median lethal concentration (concentrations of the chemical in			
2000	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 Reg-			
	istration, Evaluation, Authorisation and Restriction of Chemi-			
	cals (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
Skin Sens. 1	H317	Calculation method
STOT SE 3	H335	Calculation method



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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