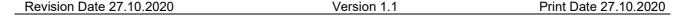
according to Regulation (EC) No. 1907/2006

# SikaGrout®-111 GP



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

1.1 Product identifier

Trade name : SikaGrout®-111 GP

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

Product use : Grouting 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

+44 (0)1707 363899 (available during office hours).

# **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

Specific target organ toxicity - single exposure, Category 3, Respiratory system

H318: Causes serious eye damage.

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.

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

Precautionary statements :

Prevention:

P261 Avoid breathing dust/ fume/ gas/ mist/ va-

pours/ spray.

P264 Wash skin thoroughly after handling.

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Wear protective gloves/ eye protection/ face

protection.

Response:

P280

P304 + P340 + P312 IF INHALED: Remove person to fresh

air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.

P305 + P351 + P338 + P310 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.

Storage:

P403 + P233 Store in a well-ventilated place. Keep con-

tainer tightly closed.

Hazardous components which must be listed on the label:

Cement (chromium reduced)

#### 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

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
Cement (chromium reduced)	65997-15-1 266-043-4	Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335	>= 20 - < 25
Substances with a workplace expe	osure limit :		
Quartz (SiO2)	14808-60-7 238-878-4		>= 40 - < 60
Limestone Contains: Quartz (SiO2) <5µm >= 0,1 %	1317-65-3 215-279-6		>= 20 - < 25

# **SECTION 4: First aid measures**

# 4.1 Description of first aid measures

General advice : Move out of dangerous area.

Consult a physician.

according to Regulation (EC) No. 1907/2006

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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.

#### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms : Cough

Respiratory disorder Excessive lachrymation

Erythema Dermatitis

See Section 11 for more detailed information on health effects

and symptoms.

Risks : irritant effects

Causes skin irritation.
Causes serious eye 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

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

according to Regulation (EC) No. 1907/2006

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### 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.

#### 6.2 Environmental precautions

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

courses.

#### 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 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.

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

Store in original container. Keep in a well-ventilated place. Observe label precautions. Store in accordance with local

Country GB 100000021859

according to Regulation (EC) No. 1907/2006

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regulations.

Further information on stor-

ation on stor- : Keep in a dry place.

age stability

No decomposition if stored and applied as directed.

# 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 *
Quartz (SiO2)	14808-60-7	TWA (Respirable dust)	0,1 mg/m3 (Silica)	GB EH40
	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			
	health includes dust of any kind when present at a concentration			
	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 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 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 limit should be used.			
Limestone	1317-65-3	TWA (inhalable	10 mg/m3	GB EH40
		dust)		
		ation: For the purpo		
		able dust are those		
	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			
	health includes dust of any kind when present at a concentration			
	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			
	Luusi or 4 mg.m	1-3 0-110UI 1 VVA 01 I	espirable dust. Th	ns means mat

according to Regulation (EC) No. 1907/2006

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			4 mg/m3	GB EH40
Cement (chromium reduced)	65997-15-1	`	10 mg/m3	GB EH40
		TWÁ (Respirable dust)	4 mg/m3	GB EH40

<sup>\*</sup>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	l 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 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, 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 work-

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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**

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

courses.

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

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

Appearance powder Colour grey Odour odourless

Odour Threshold No data available

Hq Not applicable

Melting point/range / Freezing : No data available

Boiling point/boiling range No data available

Flash point Not applicable

Evaporation rate No data available

Flammability (solid, gas) No data available

Upper explosion limit / Upper

flammability limit

No data available

Lower explosion limit / Lower : No data available

flammability limit

Vapour pressure : No data available

No data available Relative vapour density

Density 0,221 g/cm3 (20 °C)

Solubility(ies)

No data available Water solubility

Solubility in other solvents : No data available

Partition coefficient: n-

octanol/water

: No data available

according to Regulation (EC) No. 1907/2006

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Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : Not applicable

Explosive properties : No data available

Oxidizing properties : 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 : 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

No decomposition if stored and applied as directed.

### **SECTION 11: Toxicological information**

# 11.1 Information on toxicological effects

#### **Acute toxicity**

Not classified based on available information.

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/eye irritation

Causes serious eye damage.

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#### Respiratory or skin sensitisation

#### Skin sensitisation

Not classified based on available information.

### 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.

# **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:**

This substance/mixture contains no components considered Assessment

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

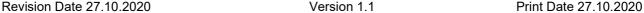
### **Product:**

mation

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

according to Regulation (EC) No. 1907/2006

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### **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Product : The generation of waste should be avoided or minimized

wherever possible.

Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe

way.

Dispose of surplus and non-recyclable products via a licensed

waste disposal contractor.

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional

local authority requirements.

Avoid dispersal of spilled material and runoff and contact with

soil, waterways, drains and sewers.

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

by dangerous substances

### **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

Not applicable

# 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

#### **SECTION 15: Regulatory information**

# 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) Conditions of restriction for the following entries should be considered: Cement (chromium reduced)

(Number on list 47)

according to Regulation (EC) No. 1907/2006

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International Chemical Weapons Convention (CWC)

Schedules of Toxic Chemicals and Precursors

REACH - Candidate List of Substances of Very High

Concern for Authorisation (Article 59).

REACH - List of substances subject to authorisation

(Annex XIV)

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

plete the ozone layer

Regulation (EC) No 850/2004 on persistent organic pol-

lutants

Regulation (EC) No 649/2012 of the European Parlia-

ment and the Council concerning the export and import

of dangerous chemicals

**REACH Information:** 

: Not applicable

None of the components are listed

(=> 0.1 %).

Not applicable

Not applicable

Not applicable

Not applicable

All substances contained in our Products are

- registered by our upstream suppliers, and/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

Volatile organic compounds

Law on the incentive tax for volatile organic compounds

(VOCV)

Volatile organic compounds (VOC) content: < 0,01 %

no VOC duties

Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)

Volatile organic compounds (VOC) content:

< 0,01 %, 0 g/l

VOC content excluding water

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

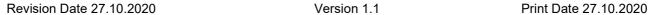
Regulations (COMAH), and amendments.

#### 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.

according to Regulation (EC) No. 1907/2006

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#### 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 Chemical Abstracts Service

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 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

according to Regulation (EC) No. 1907/2006

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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