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

1.1 Product identifier

Trade name : Sika[®] Block Paving Seal

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

Product use : Sealing system

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 127 Flammable liquids, Category 3	2/2008) H226: Flammable liquid and vapour.
riaminable liquids, category 5	
Specific target organ toxicity - single ex- posure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.
Specific target organ toxicity - single exposure, Category 3, Respiratory system	H335: May cause respiratory irritation.
Specific target organ toxicity - repeated exposure, Category 1, Central nervous system	H372: Causes damage to organs through pro- longed or repeated exposure if inhaled.
Long-term (chronic) aquatic hazard, Cat- egory 2	H411: Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

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



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Hazard pictograms :			
Signal word :	Danger		
Hazard statements :	H226 H335 H336 H372	Flammable liquid and vapour. May cause respiratory irritation. May cause drowsiness or dizzine Causes damage to organs (Cent system) through prolonged or rep posure if inhaled.	ral nervous peated ex-
	H411	Toxic to aquatic life with long last	ting effects.
Supplemental Hazard : Statements	EUH066	Repeated exposure may cause s or cracking.	skin dryness
Precautionary statements :	Prevention:		
,	P210 P260 P273	Keep away from heat, hot surfac open flames and other ignition so smoking. Do not breathe mist or vapours. Avoid release to the environment	burces. No
	Response:		
	P303 + P361 + F	2353 IF ON SKIN (or hair): Take ately all contaminated clothing. F with water.	
	P370 + P378	In case of fire: Use dry sand, dry alcohol-resistant foam to extingu	
	P391	Collect spillage.	

Hazardous components which must be listed on the label:

Hydrocarbons, C9, aromatics Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

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

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
Hydrocarbons, C9, aromatics	Not Assigned 918-668-5 01-2119455851-35- XXXX [corresponding group CAS 64742-95- 6]	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system) STOT SE 3; H335 (Respiratory system) Asp. Tox. 1; H304 Aquatic Chronic 2; H411 EUH066	>= 40 - < 60
Hydrocarbons, C9-C12, n- alkanes, isoalkanes, cyclics, aro- matics (2-25%)	Not Assigned 919-446-0 265-185-4 01-2119458049-33- XXXX [corresponding group CAS 64742-82- 1]	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system) STOT RE 1; H372 (Central nervous system) Asp. Tox. 1; H304 Aquatic Chronic 2; H411 EUH066	>= 25 - < 40

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	:	Remove contact lenses.
Country GB 000000223024		



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		Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.	
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 unconsc	
4.2 Most important symptom	s and e	ffects, both acute and delayed	
Symptoms	:	Cough Respiratory disorder Erythema Loss of balance Vertigo See Section 11 for more detailed information and symptoms.	on health effects
Risks	:	irritant effects	
		May cause respiratory irritation. May cause drowsiness or dizziness. Causes damage to organs through prolonged exposure if inhaled. Repeated exposure may cause skin dryness	
4.3 Indication of any immedia	ate med	lical attention and special treatment neede	d
Treatment	:	Treat symptomatically.	
SECTION 5: Firefighting m	easur	es	
5.1 Extinguishing media			

Specific hazards during fire-
fighting:Do not allow run-off from fire fighting to enter drains or water
courses.Hazardous combustion prod-
::No hazardous combustion products are known

ucts



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5.3 Advice for firefighters Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing) apparatus.
Further information	:	Use water spray to cool unopened containers. Collect contaminated fire extinguishing water sep must not be discharged into drains. Fire residues and contaminated fire extinguishing be disposed of in accordance with local regulation	g water must

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	:	Use personal protective equipment. Remove all sources of ignition. Deny access to unprotected persons. Beware of vapours accumulating to form explosive concentra- tions. Vapours can accumulate in low areas.
6.2 Environmental precautions		
Environmental precautions	:	Prevent product from entering drains. If the product contaminates rivers and lakes or drains inform respective authorities.
6.3 Methods and material for con	tair	nment and cleaning up
Methods for cleaning up	:	Contain spillage, and then collect with non-combustible ab- sorbent material, (e.g. sand, earth, diatomaceous earth, ver- miculite) and place in container for disposal according to local / national regulations (see section 13).

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.
	Take precautionary measures against static discharge.
	Open drum carefully as content may be under pressure.
	Take necessary action to avoid static electricity discharge



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	(which might cause ignition of organic vapours Follow standard hygiene measures when hand products	
Advice on protection against : fire and explosion	Use explosion-proof equipment. Keep away fro open flames/ hot surfaces. No smoking. Take measures against electrostatic discharges.	
Hygiene measures :	Handle in accordance with good industrial hyg practice. When using do not eat or drink. Whe smoke. Wash hands before breaks and at the	n using do not
7.2 Conditions for safe storage, inc	luding any incompatibilities	
Requirements for storage : areas and containers	Keep container tightly closed in a dry and well- place. Containers which are opened must be o sealed and kept upright to prevent leakage. St ance with local regulations.	arefully re-
Further information on stor- : age stability	No decomposition if stored and applied as dire	cted.
7.3 Specific end use(s)		
Specific use(s) :	Consult most current local Product Data Sheet use.	prior to any

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components	CAS-No.	Value type (Form	Control parame-	Basis *
		of exposure)	ters *	

Contains no substances with occupational exposure limit values.

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.
	Suitable for short time use or protection against splashes:



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		Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.	
Skin and body protection	:	Protective clothing (e.g. Safety shoes acc. to Ell long-sleeved working clothing, long trousers). R and protective boots are additionaly recommend and stirring work.	ubber aprons
Respiratory protection	:	No special measures required.	
Environmental exposure co	ntr	ols	
General advice	:	Prevent product from entering drains. If the product contaminates rivers and lakes or or respective authorities.	drains inform

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Colour		liquid colourless		
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				
Upper explosion limit / Up- per flammability limit	•			
Lower explosion limit / Lower flammability limit	:	0,6 %(V)		
Flash point	:	41 °C Method: closed cup		
Auto-ignition temperature	:	235 °C		

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Decomposition temperature	:	No data available	
рН	:	Not applicable substance/mixture is non-soluble (in water)	
Viscosity Viscosity, kinematic		> 20,5 mm2/s (40 °C)	
viscosity, kinematic	•	20,0 mm2/3 (40° C)	
Solubility(ies) Water solubility	:	No data available	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	4,9996 hPa	
Density	:	0,83 g/cm3 (20 °C)	
Deletive veneur density		No doto ovoilable	
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	:	Vapours may form explosive mixture with air.
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Stable under recommended storage conditions.

10.4 Conditions to avoid



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Conditions to avoid	: Heat, flames and sparks.	
10.5 Incompatible materials Materials to avoid	: No data available	
10.6 Hazardous decomposition No decomposition if stored	-	
SECTION 11: Toxicological	nformation	
11.1 Information on hazard cla	sses as defined in Regulation (EC) No 127	/2/2008
Acute toxicity Not classified based on ava	able information.	
Components:		
Hydrocarbons, C9, aroma Acute oral toxicity	ics: : LD50 Oral (Rat): > 2.000 mg/kg	
Acute dermal toxicity	: LD50 Dermal (Rabbit): > 2.000 mg/kg	
Skin corrosion/irritation Repeated exposure may ca <u>Components:</u>	ise skin dryness or cracking.	
Hydrocarbons, C9, aroma	ice.	
Assessment	: Repeated exposure may cause skin d	ryness or cracking.
Hydrocarbons, C9-C12, n-	alkanes, isoalkanes, cyclics, aromatics (2·	-25%):
Assessment Result	 Repeated exposure may cause skin de Repeated exposure may cause skin de 	
Serious eye damage/eye i Not classified based on ava		
Respiratory or skin sensit	sation	
Skin sensitisation Not classified based on ava	able information.	
Respiratory sensitisation		
Not classified based on ava	able information.	
Germ cell mutagenicity Not classified based on ava	able information.	



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Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

May cause respiratory irritation. May cause drowsiness or dizziness.

STOT - repeated exposure

Causes damage to organs (Central nervous system) through prolonged or repeated exposure if inhaled.

Aspiration toxicity

Not classified based on available information.

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

Components:

Hydrocarbons, C9, aromatics:

Toxicity to algae/aquatic	: (Pseudokirchneriella subcapitata (green algae)): 2,6 - 2,9
plants	mg/l
	Exposure time: 72 h

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:



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Assessment	: This substance/mixture contains no comp to be either persistent, bioaccumulative a very persistent and very bioaccumulative 0.1% or higher	nd toxic (PBT), or
12.6 Endocrine disrupting prope	rties	
Product:		
Assessment	: The substance/mixture does not contain of ered to have endocrine disrupting propert REACH Article 57(f) or Commission Dele (EU) 2017/2100 or Commission Regulation levels of 0.1% or higher.	ties according to gated regulation
12.7 Other adverse effects		
Product:		
Additional ecological infor-	: An environmental hazard cannot be exclu unprofessional handling or disposal.	uded in the event of

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	: 08 01 11* waste paint and varnish containing organic sol- vents or other dangerous substances
Contaminated packaging	: 15 01 10* packaging containing residues of or contaminated by dangerous substances



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SECTION 14: Transport information

14.1 UN number or ID number

	ADR	:	UN 1866	
	IMDG	:	UN 1866	
	ΙΑΤΑ	:	UN 1866	
14.2	UN proper shipping name			
	ADR	:	RESIN SOLUTION	
	IMDG	:	RESIN SOLUTION	
	ΙΑΤΑ	:	Resin solution	
14.3	Transport hazard class(es)			
			Class	Subsidiary risks
	ADR	:	3	
	IMDG	:	3	
	ΙΑΤΑ	:	3	
14.4	Packing group			
	ADR Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code		III F1 30 3 (D/E)	
	IMDG Packing group Labels EmS Code	::	III 3 F-E, <u>S-E</u>	
	IATA (Cargo) Packing instruction (cargo aircraft) Packing instruction (LQ) Packing group Labels		366 Y344 III Flammable Liquids	
	IATA (Passenger) Packing instruction (passen- ger aircraft) Packing instruction (LQ) Packing group Labels	:	355 Y344 III Flammable Liquids	

14.5 Environmental hazards



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ADR

Environmentally hazardous	:	yes
IMDG Marine pollutant	:	yes
IATA (Passenger) Environmentally hazardous	:	yes
IATA (Cargo) Environmentally hazardous	:	yes

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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	
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UK REACH List of restrictions (A	: Not applicable	
International Chemical Weapons Schedules of Toxic Chemicals ar	: Not applicable	
Regulation (EC) No 1005/2009 o plete the ozone layer	: Not applicable	
GB Export and import of hazardo Informed Consent (PIC) Regulation	: Not applicable	
Control of Major Accident Hazard 2015 (COMAH)	ls Regulations P5c	FLAMMABLE LIQUIDS
2010 (000041)	E2	ENVIRONMENTAL HAZARDS
(VOCV)		tax for volatile organic compounds
		pounds (VOC) content: 89,9% w/w
	J of 24 November 2010 on industrial d pollution prevention and control) pounds (VOC) content: 89,9% w/w	



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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.
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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

H226	:	Flammable liquid and vapour.
H304	:	May be fatal if swallowed and enters airways.
H335	:	May cause respiratory irritation.
H336	:	May cause drowsiness or dizziness.
H372	:	Causes damage to organs through prolonged or repeated
		exposure if inhaled.
H411	:	Toxic to aquatic life with long lasting effects.
Full text of other abbreviati	ons	
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Asp. Tox.	:	Aspiration hazard
Flam. Liq.	:	Flammable liquids
STOT RÉ	:	Specific target organ toxicity - repeated exposure
STOT SE	:	Specific target organ toxicity - single exposure
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

Full text of H-Statements



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PBT PNEC	Persistent, bioaccumulative and toxicPredicted 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	e

Further information

Classification of the mixtu	ire:	Classification procedure:
Flam. Liq. 3	H226	Based on product data or assessment
STOT SE 3	H336	Calculation method
STOT SE 3	H335	Calculation method
STOT RE 1	H372	Calculation method
Aquatic Chronic 2	H411	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