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

1.1 Product identifier

Trade name : SikaProof[®] Primer-01

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

Product use : Adhesive, For professional users only.

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 responsible for the SDS	:	+44 (0)1707 394444 +44 (0)1707 329129 EHS@uk.sika.com

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 2	72/2008) H225: Highly flammable liquid and vapour.
Skin irritation, Category 2	H315: Causes skin irritation.
Specific target organ toxicity - single ex- posure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.
Short-term (acute) aquatic hazard, Cate- gory 1	H400: Very toxic to aquatic life.
Long-term (chronic) aquatic hazard, Cat- egory 1	H410: Very toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

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



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Hazard pictograms	:		!	
Signal word	:	Danger		
Hazard statements	:	H225 H315 H336 H410	Highly flammable liquid and va Causes skin irritation. May cause drowsiness or dizzi Very toxic to aquatic life with lo effects.	ness.
Precautionary statements	:	Prevention:		
·		P210 P233 P261 P273	Keep away from heat, hot surface open flames and other ignition smoking. Keep container tightly closed. Avoid breathing mist or vapour Avoid release to the environme	sources. No s.
		Response: P370 + P378 P391	In case of fire: Use dry sand, d alcohol-resistant foam to exting Collect spillage.	

Hazardous components which must be listed on the label:

cyclohexane

Additional Labelling

EUH208 Contains zinc bis(dibutyldithiocarbamate). May produce an allergic reaction.

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.	Classification	Concentration (% w/w)
	Registration number		
cyclohexane	110-82-7 203-806-2 01-2119463273-41- XXXX	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 40 - < 60
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n- hexane	Not Assigned 921-024-6 01-2119475514-35- XXXX	Flam. Liq. 2; H225 Skin Irrit. 2; H315 STOT SE 3; H336 (Central nervous system) Asp. Tox. 1; H304 Aquatic Chronic 2; H411	>= 10 - < 20
ethyl acetate	141-78-6 205-500-4 01-2119475103-46- XXXX	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 (Central nervous system) EUH066	>= 5 - < 10
zinc bis(dibutyldithiocarbamate)	136-23-2 205-232-8 01-2119535161-51- XXXX	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317 STOT SE 3; H335 (Respiratory system) Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0,25 - < 0,5

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.



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If inhaled	:	Move to fresh air. Consult a physician after significant expe	osure.
In case of skin contact	:	Take off contaminated clothing and shoe Wash off with soap and plenty of water. If symptoms persist, call a physician.	es immediately.
In case of eye contact	:	Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specia	list.
If swallowed	:	Do not induce vomiting without medical Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unc	
.2 Most important symptoms a	nd	effects, both acute and delayed	
Symptoms	:	Erythema Dermatitis Loss of balance Vertigo See Section 11 for more detailed inform and symptoms.	ation on health effects
Risks	:	irritant effects	
		Causes skin irritation. May cause drowsiness or dizziness.	
.3 Indication of any immediate	me	dical attention and special treatment ne	eded
Treatment	:	Treat symptomatically.	
ECTION 5: Firefighting measurements .1 Extinguishing media Suitable extinguishing media		Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical	
Unsuitable extinguishing media	:	Water	
2 Enopial hazarda ariaina fram	46	a substance or mixture	
.2 Special hazards arising from Specific hazards during fire- fighting	:	Do not allow run-off from fire fighting to e courses.	enter drains or water
ngnung			
Hazardous combustion prod-	:	No hazardous combustion products are	known



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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 separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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.
	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 containment 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	: Do not breathe vapours or spray mist.
	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.



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		Take precautionary measures against static disc Open drum carefully as content may be under pr Take necessary action to avoid static electricity of (which might cause ignition of organic vapours). Follow standard hygiene measures when handlin products	ressure. discharge	
Advice on protection against fire and explosion	:	Use explosion-proof equipment. Keep away from open flames/ hot surfaces. No smoking. Take promeasures against electrostatic discharges.		
Hygiene measures	:	Handle in accordance with good industrial hygier practice. When using do not eat or drink. When using smoke. Wash hands before breaks and at the er	using do not	
7.2 Conditions for safe storage, including any incompatibilities				
Requirements for storage areas and containers	:	Store in cool place. Containers which are opened carefully resealed and kept upright to prevent lead in accordance with local regulations.		
Further information on stor- age stability	:	No decomposition if stored and applied as direct	ed.	
7.3 Specific end use(s) Specific use(s)	:	Consult most current local Product Data Sheet p use.	rior to any	

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 *		
cyclohexane	110-82-7	TWA	200 ppm 700 mg/m3	2006/15/EC		
	Further infor	mation: Indicative	· •			
		TWA	100 ppm 350 mg/m3	GB EH40		
		STEL	300 ppm 1.050 mg/m3	GB EH40		
ethyl acetate	141-78-6	STEL	400 ppm 1.468 mg/m3	2017/164/EU		
	Further infor	Further information: Indicative				
		TWA	200 ppm 734 mg/m3	2017/164/EU		
		TWA	200 ppm 734 mg/m3	GB EH40		



		STEL	400 ppm GB EH4 1.468 mg/m3
		in accordance with the legislation in e	ffect at the date of the re-
lease of this safety data sh	eet.		
Exposure controls			
Engineering measures			
Maintain air concentrations Ensure adequate ventilatio		occupational exposure standards. ecially in confined areas.	
Personal protective equip	oment		
Eye/face protection	:	Safety glasses with side-shields conf Eye wash bottle with pure water	orming to EN166
Hand protection	:	Chemical-resistant, impervious glove proved standard must be worn at all t chemical products. Reference number facturer specifications.	imes when handling
		Suitable for short time use or protecti Butyl rubber/nitrile rubber gloves (> 0 Contaminated gloves should be remo Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.	,1 mm)
Skin and body protection	:	Protective clothing (e.g. Safety shoes long-sleeved working clothing, long to and protective boots are additionally r and stirring work.	ousers). Rubber aprons
Respiratory protection	:	In case of inadequate ventilation weat Respirator selection must be based of exposure levels, the hazards of the p ing limits of the selected respirator. organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3 Ensure adequate ventilation. This case exhaust extraction or by general vent ods for determining inhalation exposit ticular to the mixing / stirring area. In to keep the concentrations under the limits then respiration protection mean	n known or anticipated roduct and the safe work- c < 10000 ppm n be achieved by local ilation. (EN 689 - Meth- ire). This applies in par- case this is not sufficent occupational exposure

respective authorities.

If the product contaminates rivers and lakes or drains inform



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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Colour	:	liquid orange
Odour	:	slight
Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	60 °C
Flammability (solid, gas)	:	No data available
Upper/lower flammability or o	ovn	losive limits
Upper explosion limit / Up- per flammability limit	-	
Lower explosion limit / Lower flammability limit	:	ca. 1,3 %(V)
Flash point	:	ca18 °C
Auto-ignition temperature	:	427 °C
Decomposition temperature	:	No data available
рН	:	Not applicable
Viscosity		
Viscosity, dynamic	:	ca. 900 mPa.s (20 °C)
Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)
Solubility(ies)		
Water solubility	:	partly miscible



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Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: ca. 175 hPa (20 °C)	
Density	: ca. 0,84 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 re	eactivity	

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.

Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.



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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 c <u>Components:</u>	lata.				
ethyl acetate: Acute oral toxicity	:	LD50 Oral (Rat): > 5.000 mg/kg			
Acute inhalation toxicity	:	LC50 (Rat): ca. 1.600 mg/l Exposure time: 4 h Test atmosphere: vapour			
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 5.000 mg/kg			
zinc bis(dibutyldithiocarba	mate	ə):			
Acute oral toxicity	:	LD50 Oral: > 5.000 mg/kg			
Skin corrosion/irritation Causes skin irritation. Serious eye damage/eye irritation Not classified due to lack of data. Respiratory or skin sensitisation					
Skin sensitisation Not classified due to lack of data. Respiratory sensitisation					
Not classified due to lack of c	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 drowsiness or dizziness.					
STOT - repeated exposure Not classified due to lack of data.					



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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 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, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane:

Toxicity to fish

: LL50 (Oncorhynchus mykiss (rainbow trout)): 12,51 mg/l Exposure time: 96 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:

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 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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12.7 Other adverse effects

Product:

Additional ecological infor- mation	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
	Very toxic to aquatic life with long lasting effects.

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 04 09* waste adhesives and sealants containing organic solvents or other 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	:	UN 1133
IMDG	:	UN 1133
ΙΑΤΑ	:	UN 1133
14.2 UN proper shipping name		
ADR	:	ADHESIVES
IMDG	:	ADHESIVES (cyclohexane)
ΙΑΤΑ	:	Adhesives

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



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	(cyclohexane)	

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		II F1 33 3 (D/E)	
	IMDG Packing group Labels EmS Code	:	II 3 F-E, S-D	
	IATA (Cargo) Packing instruction (cargo aircraft) Packing instruction (LQ) Packing group Labels	:	364 Y341 II Flammable Liquids	
	IATA (Passenger) Packing instruction (passen- ger aircraft) Packing instruction (LQ) Packing group Labels	:	353 Y341 II Flammable Liquids	
14.5 Environmental hazards				
	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.



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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

UK REACH List of restrictions (Annex 17)	: Conditions of restriction for the fol- lowing entries should be considered: cyclohexane (Number on list 57)	
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 Britain)	: Not applicable	
International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors	: Not applicable	
Regulation (EC) No 1005/2009 on substances that deplete 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 P5c 2015 (COMAH)	FLAMMABLE LIQUIDS	
E1	ENVIRONMENTAL HAZARDS	
34	Petroleum products: (a) gasolines and naphthas, (b) kerosenes (including jet fuels), (c) gas oils (including diesel fuels, home heating oils and gas oil blending streams),(d) heavy fuel oils (e) alternative fuels serving the same	



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	purposes and with ties as regards fla environmental haz products referred to (d)	mmability and zards as the	
Volatile organic compounds :	 Law on the incentive tax for volatile organic compounds (VOCV) Volatile organic compounds (VOC) content: 66% w/w Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 66% w/w 		
If other regulatory information ap Sheet, then it is described in this	oplies that is not already provided elsewhere subsection.	e in the Safety Data	
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. 		
15.2 Chomical actaty according			

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

H225 :: H304 :: H315 :: H317 :: H319 :: H335 :: H336 :: H400 :: H410 :: H411 ::	 Highly flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Toxic to aquatic life with long lasting effects.
Full text of other abbreviation	S
Aquatic Chronic : Asp. Tox. :	Short-term (acute) aquatic hazard Long-term (chronic) aquatic hazard Aspiration hazard Eye irritation Flammable liquids Skin irritation



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Skin Sens. STOT SE 2006/15/EC 2017/164/EU GB EH40 2006/15/EC / TWA	: Europe. Indica : Europe. Comr fourth list of in : UK. EH40 WE : Limit Value - e	organ toxicity - single ex tive occupational exposu nission Directive 2017/16 dicative occupational exp L - Workplace Exposure ight hours	re limit values 4/EU establishing a posure limit values	
2017/164/EU / STEL 2017/164/EU / TWA GB EH40 / TWA GB EH40 / STEL ADR	: Short-term exp : European Agr Dangerous Go	ight hours posure limit (8-hour TWA posure limit (15-minute re eement concerning the Ir pods by Road	ference period)	
CAS DNEL EC50 GHS IATA IMDG LD50	: Globally Harm : International A : International N : Median lethal	ect level effective concentration onized System ir Transport Association faritime Code for Danger dosis (the amount of a m	aterial, given all at	
LC50	test animals) : Median lethal	Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation		
MARPOL OEL PBT PNEC	 International C Ships, 1973 as Occupational I Persistent, bio Predicted no estimation 	International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978 Occupational Exposure Limit Persistent, bioaccumulative and toxic Predicted no effect concentration		
REACH SVHC vPvB	and of the Cou istration, Evalu cals (REACH) : Substances of	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 Substances of Very High Concern Very persistent and very bioaccumulative		
Further information				
Classification of the mixtu	re:	Classification	n procedure:	
Flam. Liq. 2	H225	Based on proc	luct data or assessment	
Skin Irrit. 2	H315	Calculation me	ethod	
STOT SE 3	H336	Calculation me	ethod	
Aquatic Acute 1	H400	Calculation me	ethod	
Aquatic Chronic 1	H410	H410 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