

Date of last issue: 31.03.2023	Version 2.7	Print Date 03.04.2023
Revision Date: 03.04.2023		

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

1.1 Product identifier

Trade name

SikaRoof[®] Primer-600 UK

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

Product use : Adhesive

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

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)

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

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal word

: Dange



Date of last issue: 31.03.2023 Revision Date: 03.04.2023	V	ersion 2.7	Print Date 03.04.2023
Hazard statements :	H225 H315 H336 H410	Highly flammable liquid and vap Causes skin irritation. May cause drowsiness or dizzin Very toxic to aquatic life with lo effects.	ness.
Precautionary statements :	Prevention:		
	P210	Keep away from heat, hot surfa open flames and other ignition smoking.	•
	P233	Keep container tightly closed.	
	P261	Avoid breathing dust/ fume/ gas pours/ spray.	s/ mist/ va-
	P273	Avoid release to the environme	nt.
	Response:		
	P370 + P378	In case of fire: Use dry sand, dr alcohol-resistant foam to exting	
	P391	Collect spillage.	,

Hazardous components which must be listed on the label:

cyclohexane

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.	Classification	Concentration
	EC-No.		(% w/w)
	Registration number		
cyclohexane	110-82-7	Flam. Liq. 2; H225	>= 60 - < 80
	203-806-2	Asp. Tox. 1; H304	
	01-2119463273-41-	Skin Irrit. 2; H315	
	XXXX	STOT SE 3; H336	
		Aquatic Acute 1;	
		H400	
		Aquatic Chronic 1;	
		H410	



Date of last issue: 31.03.2023
Revision Date: 03.04.2023

Version 2.7

Print Date 03.04.2023

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 Asp. Tox. 1; H304 Aquatic Chronic 2; H411	>= 25 - < 40
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
n-hexane	110-54-3 203-777-6 01-2119480412-44- XXXX	Flam. Liq. 2; H225 Repr. 2; H361f Asp. Tox. 1; H304 STOT RE 2; H373 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Chronic 2; H411 specific concentration limit STOT RE 2; H373 >= 5 %	>= 0,25 - < 1
zinc bis(dibenzyldithiocarbamate)	14726-36-4 238-778-0 01-2119543708-31- XXXX	Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1	>= 0,25 - < 1

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.

Version 2.7

Wash off with soap and plenty of water. If symptoms persist, call a physician.

SikaRoof[®] Primer-600 UK

Date of last issue: 31.03.2023

Revision Date: 03.04.2023



Print Date 03.04.2023

Remove contact lenses. In case of eye contact ٠ Keep eye wide open while rinsing. If eye irritation persists, consult a specialist. 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 Erythema Dermatitis Loss of balance Vertigo See Section 11 for more detailed information on health effects and symptoms. Risks irritant effects Causes skin irritation. May cause drowsiness or dizziness. 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 : Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical Unsuitable extinguishing Water media 5.2 Special hazards arising from the substance or mixture Specific hazards during fire-: Do not allow run-off from fire fighting to enter drains or water

 fighting
 Courses.

 Hazardous combustion prod No hazardous combustion products are known ucts



Date of last issue: 31.03.2023 Revision Date: 03.04.2023		Version 2.7	Print Date 03.04.2023
5.3 Advice for firefighters Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing	j 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.
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	taiı	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	 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.
	Take precautionary measures against static discharge.
	Open drum carefully as content may be under pressure.



Date of last issue: 31.03.2023 Revision Date: 03.04.2023	Version 2.7	Print Date 03.04.2023
	Take necessary action to avoid static ele (which might cause ignition of organic va Follow standard hygiene measures when products	pours).
Advice on protection against : fire and explosion	Use explosion-proof equipment. Keep aw open flames/ hot surfaces. No smoking. measures against electrostatic discharge	Take precautionary
Hygiene measures :	Handle in accordance with good industria practice. When using do not eat or drink. smoke. Wash hands before breaks and a	When using do not
7.2 Conditions for safe storage, inc	luding any incompatibilities	
Requirements for storage : areas and containers	Store in cool place. Containers which are carefully resealed and kept upright to pre in accordance with local regulations.	•
Further information on stor- : age stability	No decomposition if stored and applied a	is 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 *
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	mation: Indicative		
		TWA	200 ppm 734 mg/m3	2017/164/EU
		TWA	200 ppm 734 mg/m3	GB EH40
		STEL	400 ppm 1.468 mg/m3	GB EH40
n-hexane	110-54-3	TWA	20 ppm 72 mg/m3	2006/15/EC
	Further infor	mation: Indicative		
		TWA	20 ppm 72 mg/m3	GB EH40
	Further infor	mation: Where no sp	ecific short-term e	xposure limit is



Date of last issue: 31.03.2023 Revision Date: 03.04.2023	Version 2.7	Print Date 03.04.2023
	listed, a figure three times the used.	long-term exposure limit should be

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

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 manufacturer specifications.
	Suitable for short time use or protection against splashes: 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 EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionaly recommended for mixing and stirring work.
Respiratory protection :	5
Environmental exposure control	ols
General advice :	Prevent product from entering drains. If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: liquid
Colour	: coloured
Odour	: characteristic



Date of last issue: 31.03.2023 Revision Date: 03.04.2023		Version 2.7	Print Date 03.04.2023
Melting point/range / Freezing point	:	No data available	
Initial boiling point and boiling range	:	62 - 100 °C	
Flammability (solid, gas)	:	No data available	
Upper/lower flammability or	exp	losive limits	
Upper explosion limit / Up- per flammability limit	:	7,4 %(V)	
Lower explosion limit / Lower flammability limit	:	1,1 %(V)	
Flash point	:	ca35 °C Method: closed cup	
Auto-ignition temperature	:	427 °C	
Decomposition temperature	:	No data available	
pH	:	No data available	
Viscosity			
Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)	
Solubility(ies)			
Water solubility	:	No data available	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	103,9912 hPa	
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



Date of last issue: 31.03.2023 Revision Date: 03.04.2023	Version 2.7	Print Date 03.04.2023
SECTION 10: Stability and	eactivity	
10.1 Reactivity		
No dangerous reaction kno	wn under conditions of normal use.	
10.2 Chemical stability		
The product is chemically s	table.	
10.3 Possibility of hazardous	reactions	
Hazardous reactions	: Stable under recommended storage cond	itions.
	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.

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.

Components:

ethyl acetate:	
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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
A		

Acute dermal toxicity : LD50 Dermal (Rabbit): > 5.000 mg/kg

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Not classified based on available information.



Date of last issue: 31.03.2023 Revision Date: 03.04.2023	Version 2.7	Print Date 03.04.2023
Respiratory or skin sensitisation		
Skin sensitisation		
Not classified based on available info	rmation.	
Respiratory sensitisation		
Not classified based on available info	rmation.	

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 drowsiness or dizziness.

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

Components:

zinc bis(dibenzyldithiocarbamate):

M-Factor (Acute aquatic tox- : 1 icity)

M-Factor (Chronic aquatic : 1 toxicity)

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:



Date of last issue: 31.03.2023 Revision Date: 03.04.2023	Version 2.7	Print Date 03.04.2023
Assessment	 This substance/mixture contains no cor to be either persistent, bioaccumulative very persistent and very bioaccumulative 0.1% or higher 	and toxic (PBT), or
12.6 Endocrine disrupting prop No data available	erties	
12.7 Other adverse effects		
Product:		

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.

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
ΙΑΤΑ	:	Adhesives



Date of last issue: 31.03.2023	Version 2.7	Print Date 03.04.2023
Revision Date: 03.04.2023		

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. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.



Date of last issue: 31.03.2023	Version 2.7	Print Date 03.04.2023
Revision Date: 03.04.2023		

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 Convention (CWC) Schedules of Toxic Chemicals and Precursors			Not applicable
Regulation (EC) No 1005/2009 o plete the ozone layer	n substances that de-	:	Not applicable
Volatile organic compounds :	(VOCV) Volatile organic compo Directive 2010/75/EU emissions (integrated		or volatile organic compounds ds (VOC) content: 99,5% w/w 4 November 2010 on industrial ution prevention and control) ds (VOC) content: 99,5% w/w

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-	: Environmental Protection Act 1990 & Subsidiary Regulations
mental regulation/legislation	Health and Safety at Work Act 1974 & Subsidiary Regulations
specific for the substance or mixture:	Control of Substances Hazardous to Health Regulations (COSHH)
	May be subject to the Control of Major Accident Hazards
	Regulations (COMAH), and amendments.

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	: Highly flammable liquid and vapour.
H304	: May be fatal if swallowed and enters airways.
H315	: Causes skin irritation.
H319	: Causes serious eye irritation.
H336	: May cause drowsiness or dizziness.
H361f	: Suspected of damaging fertility.
H373	: May cause damage to organs through prolonged or repeated
	exposure.



Date of last issue: 31.03.2023 Revision Date: 03.04.2023	Version 2.7	Print Date 03.04.2023
H400	: Very toxic to aquatic life.	
H410	: Very toxic to aquatic life with long lasting effects	3
H411	: Toxic to aquatic life with long lasting effects.	<i></i>
Full text of other abbreviation		
Aquatic Acute	: Short-term (acute) aquatic hazard	
Aquatic Chronic	: Long-term (chronic) aquatic hazard	
Asp. Tox.	: Aspiration hazard	
Eye Irrit.	: Eye irritation	
Flam. Liq.	: Flammable liquids	
Repr.	: Reproductive toxicity	
Skin Irrit.	Skin irritation	
STOT RE	: Specific target organ toxicity - repeated exposur	le
STOT SE	: Specific target organ toxicity - single exposure	
2006/15/EC	Europe. Indicative occupational exposure limit v	
2017/164/EU	 Europe. Commission Directive 2017/164/EU es fourth list of indicative occupational exposure lir 	0
GB EH40	: UK. EH40 WEL - Workplace Exposure Limits	
2006/15/EC / TWA	: Limit Value - eight hours	
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 referenc	e period)
GB EH40 / STEL	: Short-term exposure limit (0-hour 1004 reference	
ADR	: European Agreement concerning the Internation	
ADR	Dangerous Goods by Road	lai Carnage oi
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 Goo	
LD50	: Median lethal dosis (the amount of a material, g	
	once, which causes the death of 50% (one half)) of a group of
1.050	test animals)	
LC50	: Median lethal concentration (concentrations of t	
	air that kills 50% of the test animals during the c	observation
	period)	
MARPOL	: International Convention for the Prevention of P	
	Ships, 1973 as modified by the Protocol of 1978	3
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 conce	rning the Reg-
	istration, Evaluation, Authorisation and Restricti	
	cals (REACH), establishing a European Chemic	
SVHC	: Substances of Very High Concern	0 ,
vPvB	: Very persistent and very bioaccumulative	

Further information



Date of last issue: 31.03.2023 Revision Date: 03.04.2023		Version 2.7	Print Date 03.04.2023	
Classification of the m	ixture:	Classification	n procedure:	
Flam. Liq. 2	H225	Based on proc	duct 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	Calculation me	ethod	

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

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