

Date of last issue: 11.01.2023	Version 3.1	Print Date 15.03.2023
Revision Date: 15.03.2023		

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

1.1 Product identifier

Trade name : Primer-110

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

Product use : Pretreatment agent, 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	:	+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 1272/2008)

Flammable liquids, Category 2 Eye irritation, Category 2 Specific target organ toxicity - single ex- posure, Category 3, Central nervous	H225: Highly flammable liquid and vapour. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness.
system	

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms		
Signal word	: Danger	•
Hazard statements	: H225 H319 H336	Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness.



Date of last issue: 11.01.2023 Revision Date: 15.03.2023	V	/ersion 3.1	Print Date 15.03.2023
Supplemental Hazard : Statements	EUH066	Repeated exposure may cause or cracking.	skin dryness
Precautionary statements :	Prevention:		
	P210	Keep away from heat, hot surfa open flames and other ignition s smoking.	
	P233	Keep container tightly closed.	
	P261	Avoid breathing dust/ fume/ gas pours/ spray.	/ mist/ va-
	P280	Wear protective gloves/ protecti eye protection/ face protection.	ve clothing/
	Response:		
	P303 + P361 +	P353 IF ON SKIN (or hair): Tak ately all contaminated clothing. with water.	
	P370 + P378	In case of fire: Use dry sand, dr alcohol-resistant foam to exting	

Hazardous components which must be listed on the label:

butanone

Additional Labelling

EUH208 Contains Benzene, 1,3-diisocyanatomethyl-, homopolymer, Aromatic Polyisocyanat TDI based. 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.



Date of last issue: 11.01.2023	
Revision Date: 15.03.2023	

Version 3.1

Print Date 15.03.2023

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No.	Classification	Concentration (% w/w)
	Registration number		
butanone	78-93-3 201-159-0 01-2119457290-43- XXXX	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 (Central nervous system) EUH066	>= 60 - < 80
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
Benzene, 1,3-diisocyanatomethyl- , homopolymer	9017-01-0 Not Assigned 01-2119950331-47- XXXX	Skin Sens. 1; H317	< 1
Aromatic Polyisocyanat TDI based	26006-20-2 Not Assigned	Eye Irrit. 2; H319 Skin Sens. 1; H317	< 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. Wash off with soap and plenty of water. If symptoms persist, call a physician.
In case of eye contact	:	Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.



Date of last issue: 11.01.2023 Revision Date: 15.03.2023	Version 3.1	Print Date 15.03.2023
If swallowed	 Do not induce vomiting without medical ac Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an uncor 	
4.2 Most important symptoms and	d effects, both acute and delayed	
Symptoms	: Excessive lachrymation Erythema Loss of balance Vertigo See Section 11 for more detailed informat and symptoms.	ion on health effects
Risks	: irritant effects	
	Causes serious eye irritation. May cause drowsiness or dizziness. Repeated exposure may cause skin dryne	ess or cracking.
4.3 Indication of any immediate m	edical attention and special treatment nee	eded
Treatment	: Treat symptomatically.	
SECTION 5: Firefighting measure	ures	
5.1 Extinguishing media		
Suitable extinguishing media	: Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical	

5.1 Extinguishing media Suitable extinguishing media	:	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	Water High volume water jet
5.2 Special hazards arising from	the	e substance or mixture
Specific hazards during fire- fighting	:	Do not use a solid water stream as it may scatter and spread fire.
Hazardous combustion prod- ucts	:	No hazardous combustion products are known
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.



	Date of last issue: 11.01.2023 Revision Date: 15.03.2023	Version 3.1	Print Date 15.03.2023
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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 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. Take precautionary measures against static discharge. Open drum carefully as content may be under pressure. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Follow standard hygiene measures when handling chemical products
Advice on protection against fire and explosion	:	Use explosion-proof equipment. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Take precautionary measures against electrostatic discharges.
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not



Date of last issue: 11.01.2023 Revision Date: 15.03.2023		Version 3.1	Print Date 15.03.2023
	smoke. Wa	ash hands before breaks a	and at the end of workday.
7.2 Conditions for safe storage, i	cluding any i	incompatibilities	
Requirements for storage areas and containers	carefully re	ol place. Containers whic sealed and kept upright t nce with local regulations	o prevent leakage. Store
Further information on stor- age stability	No decom	position if stored and appl	lied as directed.
7.3 Specific end use(s)			
SECTION 8: Exposure control	/personal p	rotection	

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *		
butanone	78-93-3	TWA	200 ppm 600 mg/m3	2000/39/EC		
	Further infor	mation: Indicative				
		STEL	300 ppm 900 mg/m3	2000/39/EC		
		TWA	200 ppm 600 mg/m3	GB EH40		
	Further infor	skin. The as-				
	signed subst	signed substances are those for which there are o				
	dermal abso	dermal absorption will lead to systemic toxicity.				
		STEL	300 ppm 899 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		
1		STEL	400 ppm 1.468 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.

Biological occupational exposure limits

Substance name	CAS-No.	Control parame-	Sampling time	Basis
		ters		
butanone	78-93-3	butan-2-one: 70 micromol per litre (Urine)	After shift	GB EH40 BAT

8.2 Exposure controls

Personal protective equipment



Date of last issue: 11.01.2023 Revision Date: 15.03.2023	Version 3.1	Print Date 15.03.2023
Eye/face protection	: Safety glasses with side-shields conformin	ng to EN166
Hand protection	 Eye wash bottle with pure water Chemical-resistant, impervious gloves con proved standard must be worn at all times chemical products. Reference number EN facturer specifications. 	when handling
	Suitable for short time use or protection ag Butyl rubber/nitrile rubber gloves (> 0,1 mr 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. long-sleeved working clothing, long trouse and protective boots are additionally recom and stirring work.	rs). Rubber aprons
Respiratory protection	 In case of inadequate ventilation wear resp Respirator selection must be based on known exposure levels, the hazards of the product ing limits of the selected respirator. organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10 Ensure adequate ventilation. This can be a exhaust extraction or by general ventilation ods for determining inhalation exposure). ticular to the mixing / stirring area. In case to keep the concentrations under the occu limits then respiration protection measures 	own or anticipated ct and the safe work- 0000 ppm achieved by local n. (EN 689 - Meth- This applies in par- this is not sufficent pational exposure
Environmental exposure co	trols	
General advice	 Prevent product from entering drains. If the product contaminates rivers and lake respective authorities. 	es or drains inform

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Colour Odour	:	liquid colourless acetone-like
Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	No data available
Flammability (solid, gas)	:	No data available



Date of last issue: 11.01.2023 Revision Date: 15.03.2023		Version 3.1	Print Date 15.03.2023
Upper/lower flammability or Upper explosion limit / Up- per flammability limit	-		
Lower explosion limit / Lower flammability limit	:	1,8 %(V)	
Flash point	:	ca4 °C Method: closed cup	
Auto-ignition temperature	:	427 °C	
Decomposition temperature	:	No data available	
рН	:	Not applicable substance/mixture is non-soluble (in water)	
Viscosity Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)	
Solubility(ies) Water solubility	:	insoluble	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	99,9915 hPa	
Density	:	ca. 0,83 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 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.



Date of last issue: 11.01.2023 Revision Date: 15.03.2023		Version 3.1	Print Date 15.03.2023
		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	n pro	oducts	
No decomposition if stored	-		
11.1 Information on hazard cla Acute toxicity Not classified based on ava		s as defined in Regulation (EC) No 1272/2008 e information.	
Components:			
butanone: Acute oral toxicity	:	LD50 Oral (Rat): 3.300 mg/kg	
Acute inhalation toxicity	:	LC50 (Rat): 36 mg/l Exposure time: 4 h Test atmosphere: vapour	
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 5.000 mg/kg	
ethyl acetate:			
Acute oral toxicity		I D50 Oral (Rat): > 5 000 mg/kg	

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

Skin corrosion/irritation

Repeated exposure may cause skin dryness or cracking.

Serious eye damage/eye irritation

Causes serious eye irritation.

Date of last issue: 11.01.2023 Revision Date: 15.03.2023	Version 3.1	Print Date 15.03.2023
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 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

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

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





Date of last issue: 11.01.2023 Revision Date: 15.03.2023		Version 3.1	Print Date 15.03.202
12.5 Results of PBT and vPvB a	sses	sment	
Product:			
Assessment		This substance/mixture contains no com to be either persistent, bioaccumulative very persistent and very bioaccumulative 0.1% or higher	and toxic (PBT), or
12.6 Endocrine disrupting prope	erties	;	
Product:			
Assessment	:	The substance/mixture does not contain ered to have endocrine disrupting proper REACH Article 57(f) or Commission Dele (EU) 2017/2100 or Commission Regulation levels of 0.1% or higher.	rties according to egated regulation
12.7 Other adverse effects			
Product:			
Additional ecological infor- mation	:	There is no data available for this produc	ot.
Components:			
Benzene, 1,3-diisocyanaton	nethy	/l-, homopolymer:	
Additional ecological infor- mation	:	There is no data available for this produc	ot.
SECTION 13: Disposal consid	dera	tions	
13.1 Waste treatment methods Product		The generation of waste should be avoid	led or minimized
FIUUUUL	•	wherever pessible	

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.



Date of last issue: 11.01.2023	Version 3.1	Print Date 15.03.2023
Revision Date: 15.03.2023		

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		II F1 33 3 (D/E)	
	IMDG Packing group Labels EmS Code	:	ll 3 F-E, <u>S-E</u>	
	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



Date of last issue: 11.01.2023 Revision Date: 15.03.2023	Version 3.1	Print Date 15.03.2023

ADR

Environmentally hazardous	:	no
IMDG Marine pollutant	:	no
IATA (Passenger) Environmentally hazardous	:	no
IATA (Cargo) Environmentally hazardous	:	no

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

UK REACH List of restrictions (Annex 17)			Not applicable
•	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
GB Export and import of hazardo Informed Consent (PIC) Regulati		:	Not applicable
Control of Major Accident Hazard 2015 (COMAH)	ds Regulations P5c	FL/	AMMABLE LIQUIDS
	(VOCV)		or volatile organic compounds
	Volatile organic compo	ound	ds (VOC) content: 84% w/w
	emissions (integrated	poll	4 November 2010 on industrial ution prevention and control) ds (VOC) content: 93,9% 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.



Date of last issue: 11.01.2023 Revision Date: 15.03.2023	Version 3.1	Print Date 15.03.2023
Health, safety and environ- mental regulation/legislation specific for the substance or mixture:	 Environmental Protection Act 1990 & S Health and Safety at Work Act 1974 & Control of Substances Hazardous to H (COSHH) May be subject to the Control of Major Regulations (COMAH), and amendme 	Subsidiary Regulations Health Regulations r Accident Hazards

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.
H317	:	May cause an allergic skin reaction.
H319	:	Causes serious eye irritation.
H336	:	May cause drowsiness or dizziness.
Full text of other abbreviat	ions	
Eye Irrit.	:	Eye irritation
Flam. Liq.	:	Flammable liquids
Skin Sens.	:	Skin sensitisation
STOT SE	:	Specific target organ toxicity - single exposure
2000/39/EC	:	Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
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
GB EH40 BAT	÷	UK. Biological monitoring guidance values
2000/39/EC / TWA	÷	Limit Value - eight hours
2000/39/EC / STEL	÷	Short term exposure limit
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
		Dangerous Goods by Road
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)



Date of last issue: 11.01.2023 Revision Date: 15.03.2023	Version 3.	1	Print Date 15.03.2023	
MARPOL :		n for the Prevention of Po by the Protocol of 1978	Ilution from	
OEL :	Occupational Exposure	Limit		
PBT :	Persistent, bioaccumula	Persistent, bioaccumulative and toxic		
PNEC :	Predicted no effect cond	centration		
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 procedu	ire:	
Flam. Liq. 2 H2	225	Based on product data of	or assessment	
Eye Irrit. 2 H3	319	Calculation method		
STOT SE 3 H3	336	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