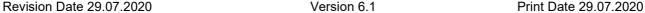
according to Regulation (EC) No. 1907/2006

# Sikadur®-30 Normal (A)



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

1.1 Product identifier

Trade name : Sikadur®-30 Normal (A)

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

+44 (0)1707 394444 Telephone +44 (0)1707 329129 Telefax 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 H318: Causes serious eye damage.

Skin sensitisation, Category 1 H317: May cause an allergic skin reaction. H412: Harmful to aquatic life with long lasting ef-Long-term (chronic) aquatic hazard, Cat-

fects.

egory 3

### 2.2 Label elements

### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal word Danger

Hazard statements H315 Causes skin irritation.

May cause an allergic skin reaction. H317 Causes serious eye damage. H318

H412 Harmful to aquatic life with long lasting ef-

fects.

Precautionary statements Prevention:

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P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.			
P273	Avoid release to the environment.			
P280	Wear protective gloves/ eye protection/ face protection.			
Response:				
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.			
P333 + P313	If skin irritation or rash occurs: Get medical advice/ attention.			
P362 + P364	Take off contaminated clothing and wash it before reuse.			

Hazardous components which must be listed on the label:

- reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700)
- 1,4-bis(2,3 epoxypropoxy)butane

#### 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.	Classification	Concentration (% w/w)
	Registration number		
reaction product: bisphenol-A-	25068-38-6	Eye Irrit. 2; H319	>= 10 - < 20
(epichlorhydrin); epoxy resin	500-033-5	Skin Irrit. 2; H315	
(number average molecular	01-2119456619-26-	Skin Sens. 1; H317	
weight ≤ 700)	XXXX	Aquatic Chronic 2;	
,		H411	
1,4-bis(2,3 epoxypropoxy)butane	2425-79-8	Aquatic Chronic 3;	>= 3 - < 5
	219-371-7	H412	
	01-2119494060-45-	Acute Tox. 4; H302	
	XXXX	Acute Tox. 4; H332	
		Acute Tox. 4; H312	
		Skin Irrit. 2; H315	
		Skin Sens. 1; H317	
		Eye Dam. 1; H318	

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#### **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 : 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 : Allergic reactions

**Excessive lachrymation** 

Erythema Dermatitis

See Section 11 for more detailed information on health effects

and symptoms.

Risks : irritant effects

sensitising effects

Causes skin irritation.

May cause an allergic skin reaction. Causes serious eye damage.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

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# **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

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.

Deny access to unprotected persons.

6.2 Environmental precautions

**Environmental precautions** Do not flush into surface water or sanitary sewer system.

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 Soak up with inert absorbent material (e.g. sand, silica gel,

acid binder, universal binder, sawdust).

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 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.

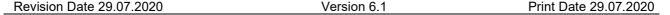
Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should

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not be employed in any process in which this mixture is being

used.

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

Normal measures for preventive fire protection.

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

Keep container tightly closed in a dry and well-ventilated

place. Store in accordance with local regulations.

Further information on stor-

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

Contains no substances with occupational exposure limit values.

#### 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.

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 additionally recommended for mixing

and stirring work.

Respiratory protection : No special measures required.

**Environmental exposure controls** 

General advice : Do not flush into surface water or sanitary sewer system.

If the product contaminates rivers and lakes or drains inform

respective authorities.

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

9.1 Information on basic physical and chemical properties

Appearance paste Colour white Odour odourless

Odour Threshold : No data available

рΗ : ca. 7,5

Concentration: 500 g/l

Melting point/range / Freezing : No data available

Boiling point/boiling range : No data available

: > 101 °C Flash point

Method: closed cup

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit / Upper : No data available

flammability limit

Lower explosion limit / Lower : No data available

flammability limit

: < 0,009 hPa Vapour pressure

Relative vapour density : No data available

Density : ca. 2 g/cm3 (20 °C)

Solubility(ies)

Water solubility : insoluble

Solubility in other solvents : No data available

Partition coefficient: n-

octanol/water

: No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : > 20,5 mm2/s (40 °C)

Explosive properties : No data available

Oxidizing properties No data available

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#### 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.

#### Components:

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular

weight ≤ 700):

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): > 20.000 mg/kg

1,4-bis(2,3 epoxypropoxy)butane:

Acute oral toxicity : LD50 Oral (Rat): 1.163 mg/kg

Hydrocarbons, C10-C13, aromatics, <1% naphthalene:

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 4,7 mg/l

Exposure time: 4 h

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Test atmosphere: dust/mist

Assessment: The substance or mixture has no acute inhala-

tion toxicity

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

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

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

**Aspiration toxicity** 

Not classified based on available information.

## **SECTION 12: Ecological information**

#### 12.1 Toxicity

#### **Components:**

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700):

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 2 mg/l

Exposure time: 96 h

aquatic invertebrates

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 1,8 mg/l

Exposure time: 48 h

Hydrocarbons, C10-C13, aromatics, <1% naphthalene:

Toxicity to daphnia and other : EC50: 1,1 mg/l

Exposure time: 48 h

aquatic invertebrates (Chronic toxicity)

Species: Daphnia magna (Water flea)

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#### 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 Other adverse effects

**Product:** 

Additional ecological infor-

mation

An environmental hazard cannot be excluded in the event of

unprofessional handling or disposal.

Harmful 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

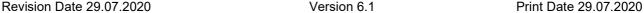
solvents or other dangerous substances

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

by dangerous substances

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#### 14.1 UN number

Not regulated as a dangerous good

**SECTION 14: Transport information** 

#### 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

International Chemical Weapons Convention (CWC) : Not applicable

Schedules of Toxic Chemicals and Precursors

REACH - Candidate List of Substances of Very High : None of the components are listed

Concern for Authorisation (Article 59).

REACH - List of substances subject to authorisation : Not applicable

(Annex XIV)

Regulation (EC) No 1005/2009 on substances that de- : Not applicable

plete the ozone layer

Regulation (EU) 2019/1021 on persistent organic pollu- : Not applicable

tants (recast)

Regulation (EC) No 649/2012 of the European Parlia: Not applicable

ment and the Council concerning the export and import

of dangerous chemicals

REACH Information: All substances contained in our Products are

- registered by our upstream suppliers, and/or

(=> 0.1 %).

- registered by us, and/or

excluded from the regulation, and/orexempted 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 %

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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 %

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.

#### 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**

H302 : Harmful if swallowed.

H304 : May be fatal if swallowed and enters airways.

H312 : Harmful in contact with skin.

H315 : Causes skin irritation.

H317 : May cause an allergic skin reaction.
H318 : Causes serious eye damage.
H319 : Causes serious eye irritation.

H332 : Harmful if inhaled.

H411 : Toxic to aquatic life with long lasting effects.
H412 : Harmful to aquatic life with long lasting effects.

#### Full text of other abbreviations

Acute Tox. : Acute toxicity

Aquatic Chronic : Long-term (chronic) aquatic hazard

Asp. Tox. : Aspiration hazard Eye Dam. : Serious eye damage

Eye Irrit. : Eye irritation
Skin Irrit. : Skin irritation
Skin Sens. : Skin sensitisation

ADR : European Agreement concerning the International Carriage of

Dangerous Goods by Road 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

CAS

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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
Skin Sens. 1 H317 Calculation method
Aquatic Chronic 3 H412 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