according to Regulation (EC) No. 1907/2006

Sikafloor® ProSeal



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

1.1 Product identifier

Trade name : Sikafloor® ProSeal

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

1.3 Details of the supplier of the safety data sheet

Company : Sika Limited

Watchmead

Welwyn Garden City Hertfordshire AL7 1BQ United Kingdom

: +44 (0)1707 394444 Telephone

1.4 Emergency telephone number

Emergency telephone num-

ber

: +44 (0)1707 363899 (available during office hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Type of product Mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 3 H226: 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

Specific target organ toxicity - single ex-

posure, Category 3, Respiratory system

Aspiration hazard, Category 1

H335: May cause respiratory irritation.

H304: May be fatal if swallowed and enters air-

Chronic aquatic toxicity, Category 2 H411: Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms







Signal word Danger

according to Regulation (EC) No. 1907/2006

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Hazard statements	:	H226 H304 H315	Flammable liquid and vapour. May be fatal if swallowed and ways. Causes skin irritation.	
		H335 H336 H411	May cause respiratory irritation May cause drowsiness or dizz Toxic to aquatic life with long	ziness.
Precautionary statements	:	Prevention: P210	Keep away from heat, hot sur open flames and other ignition smoking.	
		P280	Wear protective gloves/ eye p protection.	
		P241	Use explosion-proof electrical lighting/ equipment.	-
		P273 P235	Avoid release to the environm Keep cool.	nent.
		Response: P304 + P340	IF INHALED: Remove person and keep comfortable for brea	
		P301 + P310	IF SWALLOWED: Immediatel POISON CENTER/doctor.	
		P331 P303 + P361 +	Do NOT induce vomiting. P353 IF ON SKIN (or hair): Tal ately all contaminated clothing with water/shower.	
		Disposal: P501	Dispose of contents/container ance with local regulation.	in accord-

Hazardous components which must be listed on the label:
 918-668-5 Hydrocarbons, C9, aromatics

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

Hazardous components

Chemical name	Classification	Concentration
CAS-No.	(REGULATION (EC)	[%]
EC-No.	No 1272/2008)	
Registration number		
Hydrocarbons, C9, aromatics	Flam. Liq.3; H226	>= 25 - < 50
128601-23-0	STOT SÉ3; H335,	
918-668-5	H336	
01-2119455851-35-XXXX [corresponding group CAS	Asp. Tox.1; H304	

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64742-95-6]	Aquatic Chronic2; H411	
xylene 1330-20-7 215-535-7 01-2119488216-32-XXXX Contains: ethylbenzene <= 25 %	Flam. Liq.3; H226 Acute Tox.4; H332 Acute Tox.4; H312 Skin Irrit.2; H315 Eye Irrit.2; H319 STOT SE3; H335 STOT RE2; H373 Asp. Tox.1; H304	60
ethylbenzene 100-41-4 202-849-4 01-2119489370-35-XXXX	Flam. Liq.2; H225 Acute Tox.4; H332 STOT RE2; H373 Asp. Tox.1; H304	:0

For the full text of the H-Statements mentioned in this Section, 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.

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 : Aspiration may cause pulmonary oedema and pneumonitis.

Cough

Respiratory disorder

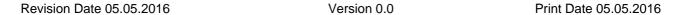
Erythema
Dermatitis
Loss of balance

Vertigo

See Section 11 for more detailed information on health effects

according to Regulation (EC) No. 1907/2006

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and symptoms.

Risks : Risk of serious damage to the lungs (by aspiration).

irritant effects

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

media

: Water

5.2 Special hazards arising from the substance or mixture

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

5.3 Advice for firefighters

for firefighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus.

Further information : Use water spray to cool unopened containers. Collect contam-

inated 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.

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If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials 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, vermiculite) 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 application 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 pre-

cautionary 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 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. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accord-

ance with local regulations.

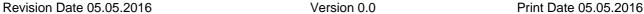
Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : No data available

according to Regulation (EC) No. 1907/2006

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

Components	CAS-No.	Value	Control parameters *	Basis *
xylene	1330-20-7	STEL	100 ppm 441 mg/m3	GB EH40
		TWA	50 ppm 220 mg/m3	GB EH40
		TWA	50 ppm 221 mg/m3	2000/39/EC
		STEL	100 ppm 442 mg/m3	2000/39/EC
ethylbenzene	100-41-4	TWA	100 ppm 441 mg/m3	GB EH40
		STEL	125 ppm 552 mg/m3	GB EH40

Biological occupational exposure limits

Substance name	CAS-No.	Control parameters	Sampling time	Basis
xylene	1330-20-7	methyl hippuric acid: 650mmol/mol creatinine (Urine)	After shift	GB EH40 BAT

8.2 Exposure controls

Personal protective equipment

Eye protection : Safety glasses with side-shields

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 (0,4 mm), Contaminated gloves should be removed.

Suitable for permanent exposure:

Viton gloves (0.4 mm), breakthrough time >30 min.

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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 : Respirator selection must be based on known or anticipated

exposure levels, the hazards of the product and the safe work-

ing limits of the selected respirator.

organic vapor filter (Type A)

A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficent to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

Environmental exposure controls

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

Appearance : liquid

Colour : No data available

Odour : No data available

Odour Threshold : No data available

Flash point : ca. 32 °C

Autoignition temperature : 465 °C

Lower explosion limit (Vol-%) : 0,8 %(V)

Upper explosion limit (Vol-%) : 7 %(V)

Flammability : No data available

Oxidizing properties : No data available

pH : No data available

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Melting point/range / Freez-

ing point

: No data available

Boiling point/boiling range : No data available

Vapour pressure : 7,9993 hPa

Density : ca.0,9 g/cm3

at 20 °C

Water solubility : No data available

Partition coefficient: n-

octanol/water

: No data available

Viscosity, dynamic : No data available

Viscosity, kinematic : < 20,5 mm2/s

at 40 °C

Relative vapour density : No data available

Evaporation rate : 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.

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

according to Regulation (EC) No. 1907/2006

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Components:

Hydrocarbons, C9, aromatics:

Acute oral toxicity : LD50 Oral (Rat): > 2.000 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): > 2.000 mg/kg

xylene:

Acute dermal toxicity : Acute toxicity estimate: 1.100 mg/kg

Method: Converted acute toxicity point estimate

Skin corrosion/irritation

Product:

Remarks: Causes skin irritation.

Serious eye damage/eye irritation

Product:

Remarks: No data available

Respiratory or skin sensitisation

Product:

Remarks: No data available

Germ cell mutagenicity

Product:

Germ cell mutagenicity- As-

: No data available

sessment

Carcinogenicity

Product:

Carcinogenicity - Assess-

: No data available

ment

Reproductive toxicity

Product:

Reproductive toxicity - As-

sessment

: No data available

according to Regulation (EC) No. 1907/2006

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No data available

Aspiration toxicity

Product:

May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1 Toxicity

Components:

Hydrocarbons, C9, aromatics:

Toxicity to algae : 2,6 - 2,9 mg/l, 72 h, Pseudokirchneriella subcapitata (green

algae)

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

No data available

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.

according to Regulation (EC) No. 1907/2006

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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

SECTION 14: Transport information

ADR

14.1 UN number : 1866

14.2 Description of the goods : RESIN SOLUTION

14.3 Class: 314.4 Packing group: IIIClassification Code: F1Labels: 3Tunnel restriction code: (D/E)14.5 Environmentally hazard-: yes

ous

IATA

14.1 UN number : 1866

14.2 Description of the goods : Resin solution

14.3 Class: 314.4 Packing group: IIILabels: 314.5 Environmentally hazard-: yes

ous

IMDG

14.1 UN number : 1866

14.2 Description of the goods : RESIN SOLUTION

(solvent naphtha)

 14.3 Class
 : 3

 14.4 Packing group
 : III

 Labels
 : 3

 EmS Number 1
 : F-E

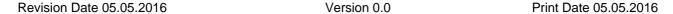
 EmS Number 2
 : S-E

 14.5 Marine pollutant
 : yes

14.6 Special precautions for user

according to Regulation (EC) No. 1907/2006

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No data available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Prohibition/Restriction

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances.

preparations and articles (Annex XVII)

REACH - Candidate List of Substances of Very High

Concern for Authorisation (Article 59).

: None of the components are listed

(=> 0.1 %).

: Not applicable

: Not applicable

REACH - List of substances subject to authorisation

(Annex XIV)

REACH Information:

All substances contained in our Products are

- preregistered or registered by our upstream suppliers, and/or

preregistered or registered by us, and/or
excluded from the regulation, and/or
exempted from the registration.

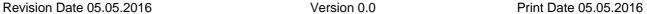
Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of ma-

jor-accident hazards involving dangerous substances.

P5c	FLAMMABLE LIQUIDS	Quantity 1 5.000 t	Quantity 2 50.000 t
E2	ENVIRONMENTAL HAZARDS	200 t	500 t
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 purposes and with similar properties as regards flammability and environmental hazards as the products referred to in points (a) to (d)	2.500 t	25.000 t
VOC-CH (VOCV)	90 %		

according to Regulation (EC) No. 1907/2006

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VOC-EU (solvent) : 90 %

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: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002

Control of Substances Hazardous to Health Regulations 2002 The Management of Health and Safety at Work Regulations

1999

Health and Safety at Work Act 1974

Environmental Protection Act 1990 & Subsidiary Regulations

15.2 Chemical safety assessment

This product contains substances for which Chemical Safety Assessments are still required.

Highly flammable liquid and vanour

SECTION 16: Other information

Full text of H-Statements

H225

П	223	Highly harilhable liquid and vapour.
Н	226	Flammable liquid and vapour.
Н	304	May be fatal if swallowed and enters airways.
Н	312	Harmful in contact with skin.
Н	315	Causes skin irritation.
Н	319	Causes serious eye irritation.
Н	332	Harmful if inhaled.
Н	335	May cause respiratory irritation.
Н	336	May cause drowsiness or dizziness.
Н	373	May cause damage to organs through prolonged or repeated exposure.
Н	411	Toxic to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox. Acute toxicity

Aquatic Chronic
Asp. Tox.
Eye Irrit.
Flam. Liq.
Skin Irrit.
Chronic aquatic toxicity
Aspiration hazard
Eye irritation
Flammable liquids
Skin irritation

STOT RE Specific target organ toxicity - repeated exposure STOT SE Specific target organ toxicity - single exposure

ADR Accord européen relatif au transport international des marchandises

Dangereuses par Route Chemical Abstracts Service

CAS Chemical Abstracts Service
DNEL Derived no-effect level

EC50 Half maximal effective concentration

GHS Globally Harmonized System

according to Regulation (EC) No. 1907/2006

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SVHC vPvB



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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)
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

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.

Very persistent and very bioaccumulative

Changes as compared to previous version!