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



# Sikafloor®-ProSeal Pro

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

1.1 Product identifier

Trade name : Sikafloor®-ProSeal Pro

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

: Sealing system Product use

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 +44 (0)1707 329129 Telefax 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 3 H226: Flammable liquid and vapour. Specific target organ toxicity - single ex-H336: May cause drowsiness or dizziness.

posure, Category 3, Central nervous

system

Specific target organ toxicity - single exposure, Category 3, Respiratory system

Specific target organ toxicity - repeated exposure, Category 1, Central nervous

system

Long-term (chronic) aquatic hazard, Cat-

egory 2

H335: May cause respiratory irritation.

H372: Causes damage to organs through pro-

longed or repeated exposure if inhaled.

H411: Toxic to aquatic life with long lasting effects.

## 2.2 Label elements

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

Hazard pictograms







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Hazard statements : H226 Flammable liquid and vapour.
H335 May cause respiratory irritation.

Danger

H336 May cause drowsiness or dizziness.
H372 Causes damage to organs (Central nervous

system) through prolonged or repeated ex-

posure if inhaled.

H411 Toxic to aquatic life with long lasting effects.

Supplemental Hazard

Statements

Signal word

EUH066 Repeated exposure may cause skin dryness

or cracking.

Precautionary statements : Prevention:

P210 Keep away from heat, hot surfaces, sparks,

open flames and other ignition sources. No

smoking.

P260 Do not breathe mist or vapours. P273 Avoid release to the environment.

Response:

P303 + P361 + P353 IF ON SKIN (or hair): Take off immedi-

ately all contaminated clothing. Rinse skin

with water.

P370 + P378 In case of fire: Use dry sand, dry chemical or

alcohol-resistant foam to extinguish.

P391 Collect spillage.

# Hazardous components which must be listed on the label:

Hydrocarbons, C9, aromatics

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

#### 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)
Hydrocarbons, C9, aromatics	Registration number Not Assigned 918-668-5 01-2119455851-35- XXXX [corresponding group CAS 64742-95-6]	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system) STOT SE 3; H335 (Respiratory system) Asp. Tox. 1; H304 Aquatic Chronic 2; H411 EUH066	>= 40 - < 60
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	Not Assigned 919-446-0 265-185-4 01-2119458049-33- XXXX [corresponding group CAS 64742-82- 1]	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system) STOT RE 1; H372 (Central nervous system) Asp. Tox. 1; H304 Aquatic Chronic 2; H411 EUH066	>= 25 - < 40

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 : Remove contact lenses.

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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** Cough

Respiratory disorder

Erythema Loss of balance

See Section 11 for more detailed information on health effects

and symptoms.

Risks : irritant effects

> May cause respiratory irritation. May cause drowsiness or dizziness.

Causes damage to organs through prolonged or repeated

exposure if inhaled.

Repeated exposure may cause skin dryness or cracking.

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

fighting

Specific hazards during fire- : Do not allow run-off from fire fighting to enter drains or water

courses.

ucts

Hazardous combustion prod- : No hazardous combustion products are known

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5.3 Advice for firefighters

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

for firefighters

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 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 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

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(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 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.

Further information on stor-

age stability

No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : Consult most current local Product Data Sheet prior to any

use

## **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

#### 8.2 Exposure controls

## **Engineering measures**

Maintain air concentrations below occupational exposure standards.

Ensure adequate ventilation, especially in confined areas.

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.

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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 additionaly recommended for mixing

and stirring work.

Respiratory protection : No special measures required.

**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

Physical state liquid Colour colourless

Boiling point/boiling range : No data available

Upper/lower flammability or explosive limits

Upper explosion limit / Up- : 6,5 %(V)

per flammability limit

Lower explosion limit / Lower flammability limit : 0,6 %(V)

Flash point 41 °C

Method: closed cup

Auto-ignition temperature 235 °C

pН Not applicable

substance/mixture is non-soluble (in water)

**Viscosity** 

Viscosity, kinematic  $> 20,5 \text{ mm2/s} (40 ^{\circ}\text{C})$ 

Vapour pressure : 4,9996 hPa

: 0,83 g/cm3 (20 °C) Density

## 9.2 Other information

No data available

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## **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 : Vapours may form explosive mixture with air.

Stable under recommended storage conditions.

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:**

## Hydrocarbons, C9, aromatics:

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

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

#### Skin corrosion/irritation

Repeated exposure may cause skin dryness or cracking.

## **Components:**

## Hydrocarbons, C9, aromatics:

Assessment : Repeated exposure may cause skin dryness or cracking.

## Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%):

Assessment : Repeated exposure may cause skin dryness or cracking.

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#### Serious eye damage/eye irritation

Not classified based on available information.

## 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 respiratory irritation. May cause drowsiness or dizziness.

# STOT - repeated exposure

Causes damage to organs (Central nervous system) through prolonged or repeated exposure if inhaled.

#### **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 consid-

ered 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, C9, aromatics:

Toxicity to algae/aquatic : (Pseudokirchneriella subcapitata (green algae)): 2,6 - 2,9

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plants mg/

Exposure time: 72 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 consid-

ered 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.

#### 12.7 Other adverse effects

#### Product:

Additional ecological infor-

mation

An environmental hazard cannot be excluded in the event of

unprofessional handling or disposal.

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

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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**

## 14.1 UN number

ADR : UN 1866 IMDG : UN 1866 IATA : UN 1866

14.2 UN proper shipping name

ADR : RESIN SOLUTION

IMDG : RESIN SOLUTION

IATA : Resin solution

14.3 Transport hazard class(es)

 ADR
 : 3

 IMDG
 : 3

 IATA
 : 3

#### 14.4 Packing group

**ADR** 

Packing group : III
Classification Code : F1
Hazard Identification Number : 30
Labels : 3
Tunnel restriction code : (D/E)

**IMDG** 

Packing group : III
Labels : 3
EmS Code : F-E, S-E

IATA (Cargo)

Packing instruction (cargo : 366

aircraft)

Packing instruction (LQ) : Y344

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Packing group

Labels Flammable Liquids

IATA (Passenger)

Packing instruction (passen-355

ger aircraft)

Packing instruction (LQ) Y344 Packing group Ш

Labels Flammable Liquids

14.5 Environmental hazards

**ADR** 

Environmentally hazardous ves

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.

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 Relevant EU provisions transposed through retained EU law

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)

Conditions of restriction for the following entries should be considered:

Number on list 3

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors

: Not applicable

REACH - Candidate List of Substances of Very High

None of the components are listed

Concern for Authorisation (Article 59).

(=> 0.1 %).Not applicable

REACH - List of substances subject to authorisation (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

Country GB 000000223024

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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

- 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.

P5c FLAMMABLE LIQUIDS

E2 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 purposes and with similar properties as regards flammability and environmental hazards

as the products referred to in points (a) to (d)

Volatile organic compounds : Law on the incentive tax for volatile organic compounds

(VOCV)

Volatile organic compounds (VOC) content: 89,9% w/w

Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 89,9% 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.

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.

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#### **SECTION 16: Other information**

#### **Full text of H-Statements**

H226 : Flammable liquid and vapour.

H304 : May be fatal if swallowed and enters airways.

H335 : May cause respiratory irritation. H336 : May cause drowsiness or dizziness.

H372 : Causes damage to organs through prolonged or repeated

exposure if inhaled.

H411 : Toxic to aquatic life with long lasting effects.

#### Full text of other abbreviations

Aquatic Chronic : Long-term (chronic) aquatic hazard

Asp. Tox. : Aspiration hazard Flam. Liq. : Flammable liquids

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

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)

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:

Flam. Liq. 3 H226 Based on product data or assessment

STOT SE 3 H336 Calculation method STOT SE 3 H335 Calculation method

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STOT RE 1 H372 Calculation method Aquatic Chronic 2 H411 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