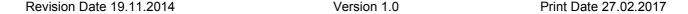
according to Regulation (EC) No. 1907/2006

# SikaGard®-6470



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

#### 1.1 Product identifier

Trade name : SikaGard®-6470

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

At present there is no complete information available on identified uses. When the data becomes available, it will be integrated into the safety data sheet.

Product use : Surfaces protection.

#### 1.3 Details of the supplier of the safety data sheet

Company : Sika Limited

Watchmead

Welwyn Garden City Hertfordshire AL7 1BQ United Kingdom

Telephone : +44 (0)1707 394444

## 1.4 Emergency telephone number

Emergency telephone num-

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

ber

## **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 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

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

Classification (67/548/EEC, 1999/45/EC)

Highly flammable R11: Highly flammable.

Irritant R38: Irritating to skin.

Dangerous for the environment R51/53: Toxic to aquatic organisms, may cause

long-term adverse effects in the aquatic environ-

according to Regulation (EC) No. 1907/2006

# SikaGard®-6470

Revision Date 19.11.2014 Version 1.0



ment.

R67: Vapours may cause drowsiness and dizzi-

ness.

#### 2.2 Label elements

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

Hazard pictograms





Signal word : Danger

Hazard statements : H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention**:

P210 Keep away from heat, hot surfaces, sparks,

open flames and other ignition sources. No

smoking.

P233 Keep container tightly closed.

P261 Avoid breathing dust/ fume/ gas/ mist/ va-

pours/ spray.

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/shower.

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

or alcohol-resistant foam to extinguish.

Hazardous components which must be listed on the label:

• 927-510-4 Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

#### 2.3 Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

#### **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures

## **Hazardous components**

| Chemical Name       | Classification | Classification | Concentration |
|---------------------|----------------|----------------|---------------|
| CAS-No.             | (67/548/EEC)   | (REGULATION    | [%]           |
| EC-No.              |                | (EC) No        |               |
| Registration number |                | 1272/2008)     |               |

according to Regulation (EC) No. 1907/2006

# SikaGard®-6470

Revision Date 19.11.2014 Version 1.0 Print Date 27.02.201

| Hydrocarbons, C7, n-alkanes, isoal-<br>kanes, cyclics<br>64742-49-0<br>927-510-4<br>265-151-9<br>01-2119475515-33-XXXX  | Xn; R65<br>R67<br>Xi; R38<br>F; R11<br>N; R51/53     | Flam. Liq.2; H225<br>Skin Irrit.2; H315<br>STOT SE3; H336<br>Asp. Tox.1; H304<br>Aquatic Chronic2;<br>H411 | >= 20 - < 25 |
|---|--|--|--------------|
| Hydrocarbons, C6-C7, n-alkanes, isoal-kanes, cyclics, <5% n-hexane 64742-49-0 921-024-6 265-151-9 01-2119475514-35-XXXX | Xn; R65<br>R67<br>Xi; R38<br>F; R11<br>N; R51/53     | Flam. Liq.2; H225<br>Skin Irrit.2; H315<br>STOT SE3; H336<br>Asp. Tox.1; H304<br>Aquatic Chronic2;<br>H411 | >= 5 - < 10  |
| Hydrocarbons, C7-C9, n-alkanes, isoal-kanes, cyclics 64742-49-0 920-750-0 265-151-9 01-2119473851-33-XXXX               | Xn; R65<br>R67<br>Xi; R38<br>F; R11<br>N; R51/53     | Flam. Liq.2; H225<br>Skin Irrit.2; H315<br>STOT SE3; H336<br>Asp. Tox.1; H304<br>Aquatic Chronic2;<br>H411 | >= 5 - < 10  |
| Hydrocarbons, C9, aromatics<br>64742-95-6<br>265-199-0<br>01-2119455851-35-XXXX   | Xn; R65<br>R10<br>Xi; R37<br>R66<br>R67<br>N; R51/53 | Flam. Liq.3; H226<br>STOT SE3; H335,<br>H336<br>Asp. Tox.1; H304<br>Aquatic Chronic2;<br>H411              | >= 5 - < 10  |

For the full text of the R-phrases mentioned in this Section, see Section 16. 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.

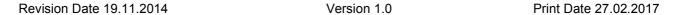
If swallowed : Do not induce vomiting without medical advice.

Rinse mouth with water.

Do not give milk or alcoholic beverages.

according to Regulation (EC) No. 1907/2006

# SikaGard®-6470



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

#### 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, High volume water jet

#### 5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-

fighting

: Do not use a solid water stream as it may scatter and spread 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

#### 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.

according to Regulation (EC) No. 1907/2006

# SikaGard®-6470





Beware of vapours accumulating to form explosive concentrations. 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 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 of 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, hot surfaces, sparks, open flames and other ignition sources. 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

: Store in cool place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store

in accordance with local regulations.

according to Regulation (EC) No. 1907/2006

# SikaGard®-6470



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

7.3 Specific end use(s)

Specific use(s) : No data available

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

#### 8.1 Control parameters

## Components with workplace control parameters

Contains no substances with occupational exposure limit values.

#### 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.

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 (Type A) and particulate filter

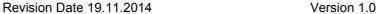
A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm

P1: Inert material; P2: Xn; P3: T, T+

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 par-

according to Regulation (EC) No. 1907/2006

# SikaGard®-6470





ticular 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 various

Odour characteristic

Odour Threshold No data available

Flash point : ca. -1 °C

: ca. 200 °C Autoignition temperature

Lower explosion limit 0 %(V)

Upper explosion limit : 7,0 %(V)

Flammability (solid, gas) No data available

Oxidizing properties : No data available

Auto-ignition temperature : No data available

рΗ Note: not determined

Melting point/range / Freez-

ing point

Vapour pressure

Boiling point/boiling range

: No data available

: ca. 60 °C

ca.60 hPa at 20 °C

ca.1,085 g/cm3 Density

at 20 °C

Water solubility : Note: insoluble

according to Regulation (EC) No. 1907/2006

# SikaGard®-6470

Revision Date 19.11.2014 Version 1.0 Print Date 27.02.2017

Partition coefficient: n-

octanol/water

: No data available

Viscosity, dynamic

: ca.1.300 mPa.s

at 20 °C

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

# **SECTION 11: Toxicological information**

## 11.1 Information on toxicological effects

#### **Acute toxicity**

## **Components:**

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics:

Acute oral toxicity : LD50 Oral rat: > 5.000 mg/kg

Acute inhalation toxicity : LC50 rat: > 23,3 mg/l

according to Regulation (EC) No. 1907/2006

# SikaGard®-6470

Revision Date 19.11.2014 Version 1.0

Print Date 27.02.2017

Exposure time: 4 h

Acute dermal toxicity : LD50 Dermal rabbit: > 2.800 mg/kg

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

#### **Product**

Causes skin irritation.

## Serious eye damage/eye irritation

#### **Product**

No data available

#### Respiratory or skin sensitisation

#### **Product**

No data available

## Germ cell mutagenicity

#### **Product**

Mutagenicity : No data available

## Carcinogenicity

#### **Product**

Carcinogenicity : No data available

## **Reproductive Toxicity/Fertility**

Reproductive toxicity : No data available

#### No data available

#### Reproductive Toxicity/Development/Teratogenicity

Teratogenicity : No data available

No data available

## STOT - single exposure

No data available

## STOT - repeated exposure

Country GB 10000001266

according to Regulation (EC) No. 1907/2006

# SikaGard®-6470

Revision Date 19.11.2014 Version 1.0 Print Date 27

Print Date 27 02 2017

No data available

## **Aspiration toxicity**

No data available

#### **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.

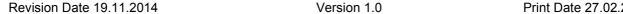
Dispose of surplus and non-recyclable products via a licensed

waste disposal contractor.

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental

according to Regulation (EC) No. 1907/2006

# SikaGard®-6470



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** : 1139

14.2 Description of the goods : COATING SOLUTION

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

ous ADR

Transport according to chapter 3.4 (LQ) possible

**IATA** 

**14.1 UN number** : 1139

14.2 Description of the goods : Coating solution

 14.3 Class
 : 3

 14.4 Packing group
 : II

 Labels
 : 3

 14.5 Environmentally hazard : yes

ous

**IMDG** 

**14.1 UN number** : 1139

14.2 Description of the goods : COATING SOLUTION

(naphtha (petroleum))

 14.3 Class
 : 3

 14.4 Packing group
 : II

 Labels
 : 3

 EmS Number 1
 : F-E

 EmS Number 2
 : S-E

 14.5 Marine pollutant
 : yes

## 14.6 Special precautions for user

No data available

according to Regulation (EC) No. 1907/2006

# SikaGard®-6470



# 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 Labelling according to EC Directives (1999/45/EC)

Hazard pictograms







Highly flammable

Irritant

Dangerous for the environment

R-phrase(s) : R11 Highly flammable.

R38 Irritating to skin.

R51/53 Toxic to aquatic organisms, may cause

long-term adverse effects in the aquatic

environment.

R67 Vapours may cause drowsiness and dizzi-

ness.

S-phrase(s) : S23 Do not breathe spray.

S38 In case of insufficient ventilation, wear

suitable respiratory equipment.

#### **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

REACH - List of substances subject to authorisation : not applicable

(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.

VOC-CH (VOCV) : 46,2 %

VOC-EU (solvent) : 46,2 %

according to Regulation (EC) No. 1907/2006

# SikaGard®-6470

Revision Date 19.11.2014 Version 1.0



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.

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

#### **Full text of R-Phrases**

R10 Flammable. R11 Highly flammable.

R37 Irritating to respiratory system.

R38 Irritating to skin.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the

aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

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

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

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

H411 Toxic to aquatic life with long lasting effects.

#### Full text of other abbreviations

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

STOT SE Specific target organ toxicity - single exposure

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 any use and processing.

Changes as compared to previous version!

Revision Date 19.11.2014

according to Regulation (EC) No. 1907/2006

SikaGard®-6470

Version 1.0

