

# SAFETY DATA SHEET

## Sikadur®-20 Crack Seal Part A



Version  
1.0

Revision Date:  
2024/01/22

SDS Number:  
100000042477

Date of last issue:-  
Date of first issue: 2024/01/22

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Sikadur®-20 Crack Seal Part A

#### Manufacturer or supplier's details

Company : Sika (Thailand) Limited  
700/37 Moo.5 Amata Nakorn Estate  
Bangna-Trad Km.57  
Tambol Klong Tamhru  
Muang District  
Chonburi 20000  
Thailand

Telephone : +66 3810 9500

Emergency telephone number : +66 3821 4270-85

E-mail address : Sikathai@th.sika.com

Telefax : +66 3821 4286

### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Flammable liquids : Category 3

Skin corrosion/irritation : Category 2

Serious eye damage/eye irritation : Category 2A

Skin sensitisation : Category 1

Carcinogenicity : Category 2

Short-term (acute) aquatic hazard : Category 3

Long-term (chronic) aquatic hazard : Category 3

#### GHS label elements

# SAFETY DATA SHEET

## Sikadur®-20 Crack Seal Part A



Version  
1.0

Revision Date:  
2024/01/22

SDS Number:  
100000042477

Date of last issue: -  
Date of first issue: 2024/01/22

Hazard pictograms :



Signal word :

Warning

Hazard statements :

H226 Flammable liquid and vapour.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H351 Suspected of causing cancer.  
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements :

**Prevention:**

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ventilating/lighting equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P261 Avoid breathing mist or vapours.  
P264 Wash skin thoroughly after handling.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/eye protection/face protection.  
P281 Use personal protective equipment as required.

**Response:**

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308 + P313 IF exposed or concerned: Get medical advice/attention.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.  
P337 + P313 If eye irritation persists: Get medical advice/atten-

# SAFETY DATA SHEET

## Sikadur®-20 Crack Seal Part A



Version  
1.0

Revision Date:  
2024/01/22

SDS Number:  
100000042477

Date of last issue: -  
Date of first issue: 2024/01/22

tion.

P362 Take off contaminated clothing and wash before reuse.

P370 + P378 In case of fire. Use dry sand, dry chemical or alcohol-resistant foam for extinction.

### Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

### Disposal:

P501 Dispose of contents/container to an approved waste disposal plant.

### Other hazards which do not result in classification

None known.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Components

Chemical name	CAS-No.	Concentration (% w/w)
reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight 700 - 1100)	25068-38-6	>= 70 - < 90
oxirane, mono(C12-14-alkyloxy)methyl derivs.	68609-97-2	>= 1 - < 10
Hydrocarbons, C10-C13, aromatic, >1% Naphthalene	64742-94-5	>= 2.5 - < 10
naphthalene	91-20-3	>= 0.25 - < 1

## 4. 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.

# SAFETY DATA SHEET

## Sikadur®-20 Crack Seal Part A



Version  
1.0

Revision Date:  
2024/01/22

SDS Number:  
100000042477

Date of last issue: -  
Date of first issue: 2024/01/22

---

		Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	:	Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Obtain medical attention.
Most important symptoms and effects, both acute and delayed	:	irritant effects sensitising effects Allergic reactions Excessive lachrymation Dermatitis See Section 11 for more detailed information on health effects and symptoms. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Suspected of causing cancer.
Notes to physician	:	Treat symptomatically.

---

### 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Alcohol-resistant foam Carbon dioxide (CO <sub>2</sub> ) Dry chemical
Unsuitable extinguishing media	:	Water High volume water jet
Specific hazards during fire-fighting	:	Do not use a solid water stream as it may scatter and spread fire.
Hazardous combustion products	:	No hazardous combustion products are known
Specific extinguishing methods	:	Use water spray to cool unopened containers.
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.

---

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protection	:	Use personal protective equipment.
----------------------------------	---	------------------------------------

# SAFETY DATA SHEET

## Sikadur®-20 Crack Seal Part A



Version 1.0	Revision Date: 2024/01/22	SDS Number: 100000042477	Date of last issue:- Date of first issue: 2024/01/22
----------------	------------------------------	-----------------------------	---------------------------------------------------------

---

ive equipment and emergency procedures	:	Remove all sources of ignition. Deny access to unprotected persons.
Environmental precautions	:	Prevent product from entering drains. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	:	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

---

### 7. HANDLING AND STORAGE

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.
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 not be employed in any process in which this mixture is being used. 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
Conditions for safe storage	:	Store in original container. Keep in a well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Store in accordance with local regulations.

# SAFETY DATA SHEET

## Sikadur®-20 Crack Seal Part A



Version  
1.0

Revision Date:  
2024/01/22

SDS Number:  
100000042477

Date of last issue: -  
Date of first issue: 2024/01/22

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
naphthalene	91-20-3	TWA	10 ppm	ACGIH

#### Personal protective equipment

- Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.
- Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Eye protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.
- Skin and body protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.
- 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.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : viscous liquid
- Colour : transparent
- Odour : No data available
- Odour Threshold : No data available
- pH : No data available

# SAFETY DATA SHEET

## Sikadur®-20 Crack Seal Part A



Version  
1.0

Revision Date:  
2024/01/22

SDS Number:  
100000042477

Date of last issue: -  
Date of first issue: 2024/01/22

---

Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	No data available
Flash point	:	25 °C (77 °F)
Evaporation rate	:	No data available
Flammability (solid, gas)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	2 hPa
Relative vapour density	:	No data available
Density	:	1.13 g/cm <sup>3</sup>
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	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available

---

### 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	The product is chemically stable.

# SAFETY DATA SHEET

## Sikadur®-20 Crack Seal Part A



Version 1.0	Revision Date: 2024/01/22	SDS Number: 100000042477	Date of last issue: - Date of first issue: 2024/01/22
----------------	------------------------------	-----------------------------	----------------------------------------------------------

---

Possibility of hazardous reactions : Stable under recommended storage conditions.  
Vapours may form explosive mixture with air.

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : No data available

---

### 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/eye irritation

Causes serious eye irritation.

#### 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

Suspected of causing cancer.

#### 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.



# SAFETY DATA SHEET

## Sikadur®-20 Crack Seal Part A



Version  
1.0

Revision Date:  
2024/01/22

SDS Number:  
100000042477

Date of last issue: -  
Date of first issue: 2024/01/22

---

### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

##### Components:

##### naphthalene:

M-Factor (Acute aquatic tox- : 1  
icity)

M-Factor (Chronic aquatic : 1  
toxicity)

##### Persistence and degradability

No data available

##### Bioaccumulative potential

No data available

##### Mobility in soil

No data available

##### Other adverse effects

##### Product:

Additional ecological infor- : Harmful to aquatic life with long lasting effects.  
mation

---

### 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

---

### 14. TRANSPORT INFORMATION

#### International Regulations

##### UNRTDG

UN number : UN 3082

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

# SAFETY DATA SHEET

## Sikadur®-20 Crack Seal Part A



Version 1.0	Revision Date: 2024/01/22	SDS Number: 100000042477	Date of last issue: - Date of first issue: 2024/01/22
----------------	------------------------------	-----------------------------	----------------------------------------------------------

---

Class : N.O.S.  
Class : 9  
Packing group : III  
Labels : 9

### IATA-DGR

UN/ID No. : UN 3082  
Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.  
Class : 9  
Packing group : III  
Labels : Miscellaneous  
Packing instruction (cargo aircraft) : 964  
Packing instruction (passenger aircraft) : 964  
Remarks : Transport in accordance with special regulation A 197

### IMDG-Code

UN number : UN 3082  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
Class : 9  
Packing group : III  
Labels : 9  
EmS Code : F-A, S-F  
Marine pollutant : no  
Remarks : Transport in accordance with 2.10.2.7 of the IMDG-Code

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### 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.

---

## 15. REGULATORY INFORMATION

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

Hazardous Substance Act	: Conditions of restriction for the following entries should be considered: Not applicable
Emergency Decree on Controlling the Use of Volatile Substances	: Not applicable
International Chemical Weapons Convention (CWC)	: Not applicable

# SAFETY DATA SHEET

## Sikadur®-20 Crack Seal Part A



Version 1.0	Revision Date: 2024/01/22	SDS Number: 100000042477	Date of last issue: - Date of first issue: 2024/01/22
----------------	------------------------------	-----------------------------	----------------------------------------------------------

### Schedules of Toxic Chemicals and Precursors

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Volatile organic compounds (VOC) content: 0.7% w/w

## 16. OTHER INFORMATION

Revision Date : 2024/01/22  
Date format : yyyy/mm/dd

### Full text of other abbreviations

ACGIH : USA ACGIH Threshold Limit Values (TLV)  
ACGIH/TWA : 8-hour, time-weighted average  
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 dose (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

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.

TH/EN