

# SAFETY DATA SHEET

## Sikadur®-32TH Part B



Version  
3.0

Revision Date:  
2020/10/29

SDS Number:  
00000608573

Date of last issue: 2018/07/04  
Date of first issue: 2015/07/07

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Sikadur®-32TH Part B

Product code : 00000608573

#### 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  
Telefax : +66 3821 4286  
E-mail address : Sikathai@th.sika.com

### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Skin corrosion/irritation : Category 1

Serious eye damage/eye irritation : Category 1

Skin sensitisation : Category 1

Short-term (acute) aquatic hazard : Category 2

Long-term (chronic) aquatic hazard : Category 2

#### GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.

# SAFETY DATA SHEET

## Sikadur®-32TH Part B



Version  
3.0

Revision Date:  
2020/10/29

SDS Number:  
00000608573

Date of last issue: 2018/07/04  
Date of first issue: 2015/07/07

### Precautionary statements

#### Prevention:

P260 Do not breathe dust or mist.  
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/ protective clothing/ eye protection/ face protection.

#### Response:

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
P304 + P340 + P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.  
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 or doctor/ physician.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P363 Wash contaminated clothing before reuse.  
P391 Collect spillage.

#### Storage:

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)
Quartz (SiO <sub>2</sub> )	14808-60-7	>= 20 -< 30

# SAFETY DATA SHEET

## Sikadur®-32TH Part B



Version  
3.0

Revision Date:  
2020/10/29

SDS Number:  
00000608573

Date of last issue: 2018/07/04  
Date of first issue: 2015/07/07

(1-methylethyl)-1,1'-biphenyl	25640-78-2	>= 20 -< 25
3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	>= 5 -< 10
3,6-diazaoctanethylenediamin	112-24-3	>= 5 -< 10
benzyl alcohol	100-51-6	>= 1 -< 10
2-(2-aminoethylamino)ethanol	111-41-1	>= 0.1 -< 0.3

### 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.  
Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue 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 : Clean mouth with water and drink afterwards plenty of water.  
Do NOT induce vomiting.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
Take victim immediately to hospital.
- Most important symptoms and effects, both acute and delayed : Health injuries may be delayed.  
corrosive effects  
sensitising effects  
Allergic reactions  
Dermatitis  
See Section 11 for more detailed information on health effects and symptoms.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
Causes severe burns.

# SAFETY DATA SHEET

## Sikadur®-32TH Part B



Version 3.0	Revision Date: 2020/10/29	SDS Number: 000000608573	Date of last issue: 2018/07/04 Date of first issue: 2015/07/07
----------------	------------------------------	-----------------------------	---

Notes to physician : Treat symptomatically.

---

### 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : No hazardous combustion products are known
- Specific extinguishing methods : 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.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

---

### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Deny access to unprotected persons.
- Environmental precautions : Do not flush into surface water or sanitary sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Pick up and arrange disposal without creating dust.  
Keep in suitable, closed containers for disposal.

---

### 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- 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.  
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

# SAFETY DATA SHEET

## Sikadur®-32TH Part B



Version  
3.0

Revision Date:  
2020/10/29

SDS Number:  
00000608573

Date of last issue: 2018/07/04  
Date of first issue: 2015/07/07

used.

Smoking, eating and drinking should be prohibited in the application area.

Follow standard hygiene measures when handling chemical products

Conditions for safe storage : Store in original container.  
Keep container tightly closed in a dry and well-ventilated place.  
Observe label precautions.  
Store in accordance with local regulations.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Quartz (SiO <sub>2</sub> )	14808-60-7	TWA (Respirable dust)	0.025 mg/m <sup>3</sup>	TH OEL
		TWA (Respirable particulate matter)	0.025 mg/m <sup>3</sup>	ACGIH
		TWA (Respirable particulate matter)	0.025 mg/m <sup>3</sup> (Silica)	ACGIH
		TWA (Respirable particulate matter)	0.025 mg/m <sup>3</sup>	ACGIH
		TWA (Respirable particulate matter)	0.025 mg/m <sup>3</sup> (Silica)	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.

# SAFETY DATA SHEET

## Sikadur®-32TH Part B



Version 3.0	Revision Date: 2020/10/29	SDS Number: 000000608573	Date of last issue: 2018/07/04 Date of first issue: 2015/07/07
----------------	------------------------------	-----------------------------	---

- 
- |                          |   |  |
|--------------------------|---|--|
| 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.<br>When using do not eat or drink.<br>When using do not smoke.<br>Wash hands before breaks and at the end of workday. |

---

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- |  |   |   |
|--|---|---|
| Appearance                                       | : | paste                                       |
| Colour   | : | dark grey                                   |
| Odour  | : | amine-like                                  |
| Odour Threshold                                  | : | No data available                           |
| pH   | : | Not applicable                              |
| Melting point/range / Freezing point             | : | No data available                           |
| Boiling point/boiling range                      | : | No data available                           |
| Flash point                                      | : | ca. 111 °C (232 °F)<br>(Method: closed cup) |
| 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                                  | : | No data available                           |

# SAFETY DATA SHEET

## Sikadur®-32TH Part B



Version 3.0	Revision Date: 2020/10/29	SDS Number: 000000608573	Date of last issue: 2018/07/04 Date of first issue: 2015/07/07
----------------	------------------------------	-----------------------------	---

---

Relative vapour density : No data available

Density : ca. 1.4 g/cm<sup>3</sup> (20 °C (68 °F))

Solubility(ies)

Water solubility : No data available

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 : Not applicable

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.

Possibility of hazardous reac-  
tions : Stable under recommended storage conditions.

Conditions to avoid : No data available

Incompatible materials : No data available

---

### 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Components:

#### **3-aminomethyl-3,5,5-trimethylcyclohexylamine:**

Acute oral toxicity : LD50 Oral (Rat): 1,030 mg/kg

---

# SAFETY DATA SHEET

## Sikadur®-32TH Part B



Version  
3.0

Revision Date:  
2020/10/29

SDS Number:  
00000608573

Date of last issue: 2018/07/04  
Date of first issue: 2015/07/07

- Acute inhalation toxicity : LC50 (Rat): > 5.01 mg/l  
Exposure time: 4 h  
Test atmosphere: dustmist
- Acute dermal toxicity : LD50 Dermal (Rabbit): > 2,000 mg/kg
- 3,6-diazaoctanethylenediamin:**
- Acute oral toxicity : LD50 Oral (Rat): 1,716 mg/kg
- Acute dermal toxicity : LD50 Dermal (Rabbit): 1,465 mg/kg
- benzyl alcohol:**
- Acute oral toxicity : LD50 Oral (Rat): 1,620 mg/kg
- Acute inhalation toxicity : LC50 (Rat): > 4.178 mg/l  
Exposure time: 4 h  
Test atmosphere: dustmist

### **Skin corrosion/irritation**

Causes severe burns.

### **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.



# SAFETY DATA SHEET

## Sikadur®-32TH Part B



Version  
3.0

Revision Date:  
2020/10/29

SDS Number:  
000000608573

Date of last issue: 2018/07/04  
Date of first issue: 2015/07/07

---

### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

##### Components:

##### **(1-methylethyl)-1,1'-biphenyl:**

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): 0.167 mg/l  
Exposure time: 48 h

##### **3-aminomethyl-3,5,5-trimethylcyclohexylamine:**

Toxicity to algae/aquatic plants : ErC50 (Desmodesmus subspicatus (green algae)): > 10 - 100 mg/l  
Exposure time: 72 h

##### **3,6-diazaoctanethylenediamin:**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 10 - 100 mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): 10 - 100 mg/l  
Exposure time: 72 h

##### **benzyl alcohol:**

Toxicity to fish : LC50 (Fish): > 100 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l  
Exposure time: 48 h

#### **Persistence and degradability**

No data available

#### **Bioaccumulative potential**

No data available

#### **Mobility in soil**

No data available

#### **Other adverse effects**

##### Product:

Additional ecological information : Toxic to aquatic life with long lasting effects.

# SAFETY DATA SHEET

## Sikadur®-32TH Part B



Version  
3.0

Revision Date:  
2020/10/29

SDS Number:  
000000608573

Date of last issue: 2018/07/04  
Date of first issue: 2015/07/07

---

### 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.

---

### 14. TRANSPORT INFORMATION

#### International Regulations

##### UNRTDG

- UN number : UN 1759  
Proper shipping name : CORROSIVE SOLID, N.O.S.  
(3-aminomethyl-3,5,5-trimethylcyclohexylamine, 3,6-diazaoctanethylenediamin)
- Class : 8  
Packing group : III  
Labels : 8

##### IATA-DGR

- UN/ID No. : UN 1759  
Proper shipping name : Corrosive solid, n.o.s.  
(3-aminomethyl-3,5,5-trimethylcyclohexylamine, 3,6-diazaoctanethylenediamin)
- Class : 8  
Packing group : III  
Labels : Corrosive  
Packing instruction (cargo aircraft) : 864  
Packing instruction (passenger aircraft) : 860

##### IMDG-Code

- UN number : UN 1759  
Proper shipping name : CORROSIVE SOLID, N.O.S.  
(3-aminomethyl-3,5,5-trimethylcyclohexylamine, 3,6-diazaoctanethylenediamin)

# SAFETY DATA SHEET

## Sikadur®-32TH Part B



Version 3.0	Revision Date: 2020/10/29	SDS Number: 00000608573	Date of last issue: 2018/07/04 Date of first issue: 2015/07/07
----------------	------------------------------	----------------------------	---

Class : 8  
Packing group : III  
Labels : 8  
EmS Code : F-A, S-B  
Marine pollutant : no

### 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

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors : Not applicable

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

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Volatile organic compounds (VOC) content: 5.1 %  
VOC content excluding water

## 16. OTHER INFORMATION

Date format : yyyy/mm/dd

### Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)  
TH OEL : Thailand. Occupational Exposure Limits  
ACGIH / TWA : 8-hour, time-weighted average  
TH OEL / TWA : Time weighted average  
ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road

# SAFETY DATA SHEET

## Sikadur®-32TH Part B



Version 3.0	Revision Date: 2020/10/29	SDS Number: 00000608573	Date of last issue: 2018/07/04 Date of first issue: 2015/07/07
----------------	------------------------------	----------------------------	---

---

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