

# SAFETY DATA SHEET

## SikaForce®-800 (A)



Version  
5.0

Revision Date:  
02.04.2026

SDS Number (Internal):  
100000005941

Date of last issue: 27.03.2024  
Date of first issue: 23.04.2020

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : SikaForce®-800 (A)

#### Recommended use of the chemical and restrictions on use

Product use : Sealant/adhesive

#### Manufacturer or supplier's details

Company : Sika Korea Ltd.  
724, Anseongmatchum-daero  
Miyang-myeon  
Anseong-si  
Gyeonggi-do  
Korea

Telephone : +82-31-8056-7777

Emergency telephone number : +82-31-8056-7777

E-mail address : ehs@kr.sika.com

Telefax : +82-31-8056-7788

### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Skin corrosion/irritation : Category 2

Serious eye damage/eye irritation : Category 2

Carcinogenicity : Category 2

Reproductive toxicity : Category 2

Specific target organ toxicity - repeated exposure (Inhalation) : Category 2 (Lungs)

#### GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : H315 Causes skin irritation.

# SAFETY DATA SHEET

## SikaForce®-800 (A)



Version  
5.0

Revision Date:  
02.04.2026

SDS Number (Internal):  
100000005941

Date of last issue: 27.03.2024  
Date of first issue: 23.04.2020

H319 Causes serious eye irritation.  
H351 Suspected of causing cancer.  
H361 Suspected of damaging fertility or the unborn child.  
H373 May cause damage to organs (Lungs) through prolonged or repeated exposure if inhaled.

Precautionary statements :

### Prevention:

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P260 Do not breathe mist or vapours.  
P264 Wash skin thoroughly after handling.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

### Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.  
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.  
P321 Specific treatment (see supplemental first aid instructions on this label).  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.

### Storage:

P405 Store locked up.

### Disposal:

P501 Dispose of contents/ container according to waste-related laws

### Other hazards which do not result in classification

No data available

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Components

Chemical name	Common Name	CAS-No.	Concentration (% w/w)
Castor oil	Castor oil	8001-79-4	>= 20 - < 25
Fatty acids, C16-18 and C18-unsatd., epoxidized, Me esters, polymers with trime-	Fatty acids, C16-18 and	188831-96-1	>= 15 - < 20

# SAFETY DATA SHEET

## SikaForce®-800 (A)



Version  
5.0

Revision Date:  
02.04.2026

SDS Number (Internal):  
100000005941

Date of last issue: 27.03.2024  
Date of first issue: 23.04.2020

thylolpropane	C18-unsatd., epoxidized, Me esters, polymers with trime- thylolpropane		
calcium carbonate	calcium car- bonate	471-34-1	>= 5 - < 10
Titanium dioxide (> 10 µm)	Titanium diox- ide (> 10 µm)	13463-67-7	>= 1 - < 5
amorphous silicon dioxide	amorphous silicon dioxide	67762-90-7	>= 1 - < 5
trimethylolpropane	trime- thylolpropane	77-99-6	>= 1 - < 5
Fatty acids, C16-18 and C18-unsatd., Me esters, epoxidized	Fatty acids, C16-18 and C18-unsatd., Me esters, epoxidized	158318-67-3	0 - < 1
1,4-diazabicyclooctane	1,4- diazabicy- clooctane	280-57-9	0.25 - < 1

#### 4. FIRST AID MEASURES

- General advice : No hazards which require special first aid measures.
- In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Keep eye wide open while rinsing.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.
- If inhaled : Move to fresh air.
- 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.
- Most important symptoms and effects, both acute and delayed : No known significant effects or hazards.  
See Section 11 for more detailed information on health effects and symptoms.  
Causes skin irritation.  
Causes serious eye irritation.  
Suspected of causing cancer.  
Suspected of damaging fertility or the unborn child.  
May cause damage to organs through prolonged or repeated exposure if inhaled.
- Notes to physician : Treat symptomatically.

# SAFETY DATA SHEET

## SikaForce®-800 (A)



Version  
5.0

Revision Date:  
02.04.2026

SDS Number (Internal):  
100000005941

Date of last issue: 27.03.2024  
Date of first issue: 23.04.2020

---

### 5. FIREFIGHTING MEASURES

#### Suitable and unsuitable extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Hazardous combustion products : No hazardous combustion products are known

Specific extinguishing methods : Standard procedure for chemical fires.

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 : For personal protection see section 8.

Environmental precautions : No special environmental precautions required.

Methods and materials for containment and cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
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 : For personal protection see section 8.  
No special handling advice required.  
Follow standard hygiene measures when handling chemical products

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

Materials to avoid : No special restrictions on storage with other products.

---

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of	Control parameters / Permissible	Basis
------------	---------	------------------------	----------------------------------	-------

# SAFETY DATA SHEET

## SikaForce®-800 (A)



Version  
5.0

Revision Date:  
02.04.2026

SDS Number (Internal):  
100000005941

Date of last issue: 27.03.2024  
Date of first issue: 23.04.2020

		exposure)	concentration	
calcium carbonate	471-34-1	TWA	10 mg/m <sup>3</sup> (Calcium carbonate)	KR OEL
Titanium dioxide (> 10 µm)	13463-67-7	TWA	10 mg/m <sup>3</sup>	KR OEL
	Further information: Limited evidence of carcinogenicity in humans or animals, which is not sufficiently convincing to place the substance in Category 1			
trimethylolpropane	77-99-6	TWA (Inhalable fraction and vapor)	0.5 ppm	ACGIH

Other ingredients, which are listed in section 3 but not listed in this section, do not have established occupational exposure limit values.

**Personal protective equipment. Among the following personal protective equipment, the PPEs which require safety certification need to be certified by KOSHA.**

- 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.
- Eye protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.
- 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.
- 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 : When using do not eat or drink.  
When using do not smoke.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : paste
- Colour : red, blue, grey
- Odour : very faint
- Odour Threshold : No data available
- pH : Not applicable

# SAFETY DATA SHEET

## SikaForce®-800 (A)



Version 5.0	Revision Date: 02.04.2026	SDS Number (Internal): 100000005941	Date of last issue: 27.03.2024 Date of first issue: 23.04.2020
----------------	------------------------------	--	---

---

Melting point/ range / Freezing point : No data available  
Boiling point/boiling range : No data available  
Flash point : > 100 °C (212 °F)  
(Method: closed cup)  
Evaporation rate : No data available  
Flammability (solid, gas) : No data available

### Upper/lower flammability or explosive limits

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapour pressure : 0.01 hPa

### Solubility(ies)

Water solubility : insoluble

Solubility in other solvents : No data available

Density : ca. 1.38 g/cm<sup>3</sup> (20 °C)

Partition coefficient: n-octanol/water : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

### Viscosity

Viscosity, dynamic : 30,000 mPa.s (20 °C (68 °F))

Viscosity, kinematic : > 20.5 mm<sup>2</sup>/s (40 °C (104 °F))

Explosive properties : No data available

Oxidizing properties : No data available

---

## 10. STABILITY AND REACTIVITY

Chemical stability and possibility of hazardous reactions : Reactivity:  
No dangerous reaction known under conditions of normal use.  
Chemical stability:  
The product is chemically stable.  
Possibility of hazardous reactions:  
No hazards to be specially mentioned.

# SAFETY DATA SHEET

## SikaForce®-800 (A)



Version  
5.0

Revision Date:  
02.04.2026

SDS Number (Internal):  
100000005941

Date of last issue: 27.03.2024  
Date of first issue: 23.04.2020

Conditions to avoid : No data available

Incompatible materials : No data available

Hazardous decomposition products : No hazardous decomposition products are known.

### 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : No data available

#### Health hazard information

##### Acute toxicity

No data available

##### Components:

##### **amorphous silicon dioxide:**

Acute oral toxicity : LD50 Oral (Rat): > 5,000 mg/kg

##### **trimethylolpropane:**

Acute oral toxicity : LD50 Oral (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 0.85 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 Dermal (Rabbit): > 10,000 mg/kg

##### **1,4-diazabicyclooctane:**

Acute oral toxicity : LD50 Oral (Rat): 700 mg/kg

##### **Skin corrosion/irritation**

Causes skin irritation.

##### **Serious eye damage/eye irritation**

Causes serious eye irritation.

##### **Respiratory or skin sensitisation**

##### **Respiratory sensitisation**

No data available

##### **Skin sensitisation**

No data available

##### **Carcinogenicity**

Suspected of causing cancer.

# SAFETY DATA SHEET

## SikaForce®-800 (A)



Version  
5.0

Revision Date:  
02.04.2026

SDS Number (Internal):  
100000005941

Date of last issue: 27.03.2024  
Date of first issue: 23.04.2020

---

### Components:

#### **Castor oil:**

No data available

#### **Fatty acids, C16-18 and C18-unsatd., epoxidized, Me esters, polymers with trimethylolpropane:**

No data available

#### **calcium carbonate:**

No data available

#### **Titanium dioxide (> 10 µm):**

Suspected of causing cancer.

#### **amorphous silicon dioxide:**

No data available

#### **trimethylolpropane:**

No data available

#### **Fatty acids, C16-18 and C18-unsatd., Me esters, epoxidized:**

No data available

#### **1,4-diazabicyclooctane:**

No data available

#### **Germ cell mutagenicity**

No data available

### Components:

#### **Castor oil:**

No data available

#### **Fatty acids, C16-18 and C18-unsatd., epoxidized, Me esters, polymers with trimethylolpropane:**

No data available

#### **calcium carbonate:**

No data available

#### **Titanium dioxide (> 10 µm):**

No data available

# SAFETY DATA SHEET

## SikaForce®-800 (A)



Version  
5.0

Revision Date:  
02.04.2026

SDS Number (Internal):  
100000005941

Date of last issue: 27.03.2024  
Date of first issue: 23.04.2020

---

**amorphous silicon dioxide:**

No data available

**trimethylolpropane:**

No data available

**Fatty acids, C16-18 and C18-unsatd., Me esters, epoxidized:**

No data available

**1,4-diazabicyclooctane:**

No data available

**Reproductive toxicity**

Suspected of damaging fertility or the unborn child.

**Components:**

**Castor oil:**

Suspected of damaging fertility or the unborn child.

**Fatty acids, C16-18 and C18-unsatd., epoxidized, Me esters, polymers with trimethylolpropane:**

No data available

**calcium carbonate:**

No data available

**Titanium dioxide (> 10 µm):**

No data available

**amorphous silicon dioxide:**

No data available

**trimethylolpropane:**

No data available

**Fatty acids, C16-18 and C18-unsatd., Me esters, epoxidized:**

No data available

**1,4-diazabicyclooctane:**

Suspected of damaging fertility or the unborn child.

**STOT - single exposure**

No data available

# SAFETY DATA SHEET

## SikaForce®-800 (A)



Version  
5.0

Revision Date:  
02.04.2026

SDS Number (Internal):  
100000005941

Date of last issue: 27.03.2024  
Date of first issue: 23.04.2020

---

### **STOT - repeated exposure**

May cause damage to organs (Lungs) through prolonged or repeated exposure if inhaled.

### **Repeated dose toxicity**

No data available

### **Aspiration toxicity**

No data available

### **Experience with human exposure**

No data available

### **Toxicology, Metabolism, Distribution**

No data available

### **Neurological effects**

No data available

### **Further information**

No data available

---

## 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

#### **Components:**

#### **trimethylolpropane:**

Toxicity to fish : LC50 (Fish): 1,000 mg/l  
Exposure time: 96 h

Toxicity to algae/aquatic plants : EC50 (Selenastrum capricornutum (green algae)): 1,000 mg/l  
Exposure time: 72 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 : There is no data available for this product.

---

## 13. DISPOSAL CONSIDERATIONS

### **Disposal methods**

Contaminated packaging : Empty containers should be taken to an approved waste han-

---

# SAFETY DATA SHEET

## SikaForce®-800 (A)



Version  
5.0

Revision Date:  
02.04.2026

SDS Number (Internal):  
100000005941

Date of last issue: 27.03.2024  
Date of first issue: 23.04.2020

---

ding site for recycling or disposal.

### Disposal precautions

Dispose of contents and container according to wastes control act.

---

## 14. TRANSPORT INFORMATION

### International Regulations

#### UNRTDG

Not regulated as a dangerous good

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
Environmentally hazardous : no

#### IATA-DGR

Not regulated as a dangerous good

UN/ID No. : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
Packing instruction (cargo aircraft) : Not applicable  
Packing instruction (passenger aircraft) : Not applicable

#### IMDG-Code

Not regulated as a dangerous good

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
EmS Code : Not applicable  
Marine pollutant : no

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

Not applicable for product as supplied.

### National Regulations

Refer to section 15 for specific national regulation.

### Special precautions for user

Not applicable

# SAFETY DATA SHEET

## SikaForce®-800 (A)



Version  
5.0

Revision Date:  
02.04.2026

SDS Number (Internal):  
100000005941

Date of last issue: 27.03.2024  
Date of first issue: 23.04.2020

### 15. REGULATORY INFORMATION

#### National regulatory information

##### Regulation under the Occupational Safety and Health Act

##### Harmful Substances Prohibited from Manufacturing

Not applicable

##### Harmful Substances Required Permission for Manufacture

Not applicable

##### Harmful Agents to be kept below Occupational Exposure Limits

Chemical name	CAS-No.
Soapstone	14807-96-6
Talc (Containing no asbestos fibers)	
Limestone	1317-65-3
Calcium carbonate	471-34-1
Titanium dioxide	13463-67-7

##### Harmful Agents Required to be kept below Permission Levels

Not applicable

##### Hazardous substances requiring management

Chemical name	CAS-No.	Threshold limits (%)
Titanium dioxide	13463-67-7	>= 1 %

##### Special Management Materials

Not applicable

##### Controlled Substances Subject to Environment Monitoring

Chemical name	CAS-No.	Threshold limits (%)
Mineral dusts	1317-65-3	
Titanium dioxide	13463-67-7	>= 1 %

##### Controlled Substances Subject to Health Examination

Chemical name	CAS-No.	Threshold limits (%)
Mineral dusts	14807-96-6	
Mineral dusts	1317-65-3	
Aluminum and compounds	1318-02-1	>= 1 %

##### Hazardous Substances Subject to Process Safety Management (PSM) Reporting Obligation

Not applicable

##### K-OSHA Hazardous Substances (Occupational Safety and Health Regulations, Table 1)

Not applicable

##### K-OSHA Hazardous Substances (Occupational Safety and Health Regulations, Table 9)

Not applicable

##### Regulation under the Chemicals Control Act

##### Chemicals of Acute and Chronic Hazard to Human Health and the Environment

##### Substances Acutely hazardous to humans

Not applicable

##### Substances Chronically hazardous to humans

Not applicable

# SAFETY DATA SHEET

## SikaForce®-800 (A)



Version  
5.0

Revision Date:  
02.04.2026

SDS Number (Internal):  
100000005941

Date of last issue: 27.03.2024  
Date of first issue: 23.04.2020

### Substances Hazardous to the environment

Not applicable

### Accident Precaution Chemicals

Not applicable

### Toxic Release Inventory

Chemical name	CAS-No.	Group	Threshold limits (%)
Aluminium and its compounds	1318-02-1	Group II	>= 1 %

### Act on Registration and Evaluation of Chemical Substances (K-REACH)

#### Restricted Chemicals

Not applicable

#### Prohibited Chemicals

Not applicable

#### Substances subject to intensive control (ARECs)

Not applicable

#### Substances with Unconfirmed Hazards

Not applicable

#### Dangerous Substances Safety Management Act

Classification : Group 4, Flammable liquids, Type 3 petroleums, Water insoluble liquid

Hazard rank : Hazardous rank III

Designated Quantity : 2000 litre

Safety Warning : Keep away from fire

International Chemical : Not applicable

Weapons Convention (CWC)

Schedules of Toxic

Chemicals and Precursors

#### ㉑. Wastes Control Act

Industrial general wastes

Follow article 13 of the act to dispose the product waste

#### ㉒. Other requirements in domestic and other countries

#### The components of this product are reported in the following inventories:

JP ENCS : Not in compliance with the inventory

JP ISHL : Not in compliance with the inventory

KR KECI : Not in compliance with the inventory

# SAFETY DATA SHEET

## SikaForce®-800 (A)



Version  
5.0

Revision Date:  
02.04.2026

SDS Number (Internal):  
100000005941

Date of last issue: 27.03.2024  
Date of first issue: 23.04.2020

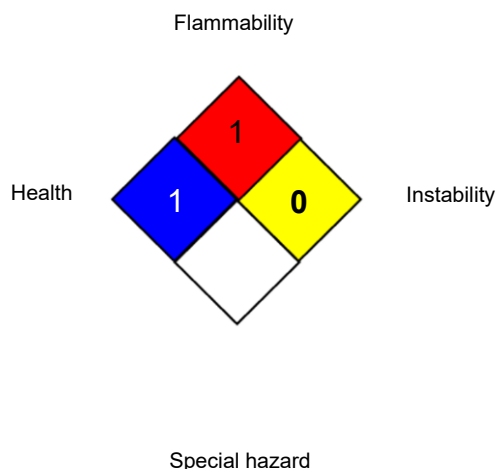
### 16. OTHER INFORMATION

Issuing date : 23.04.2020

#### Revision number and date

Number of Revision : 5.0  
Revision Date : 02.04.2026  
Date format : yyyy/mm/dd

#### NFPA:



#### Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)  
KR OEL : Harmful Agents to be kept below Occupational Exposure Limits

ACGIH / TWA : 8-hour, time-weighted average  
KR OEL / TWA : 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

# SAFETY DATA SHEET

## SikaForce®-800 (A)



Version  
5.0

Revision Date:  
02.04.2026

SDS Number (Internal):  
100000005941

Date of last issue: 27.03.2024  
Date of first issue: 23.04.2020

---

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.  
KR / EN