

# SAFETY DATA SHEET

## SikaPlast® R 8309



Version 1.1	Revision Date: 2024/01/12	SDS Number: 100000051124	Date of last issue: 2023/07/07 Date of first issue: 2023/07/07
----------------	------------------------------	-----------------------------	---

---

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : SikaPlast® R 8309

#### 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

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

Product use : Concrete admixtures

---

### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Short-term (acute) aquatic hazard : Category 3

Long-term (chronic) aquatic hazard : Category 3

#### GHS label elements

Hazard pictograms : None

Signal word : None

Hazard statements : H412 Harmful to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**  
P273 Avoid release to the environment.  
**Disposal:**  
P501 Dispose of contents/container to an approved waste dis-

# SAFETY DATA SHEET

## SikaPlast® R 8309



Version  
1.1

Revision Date:  
2024/01/12

SDS Number:  
100000051124

Date of last issue: 2023/07/07  
Date of first issue: 2023/07/07

posal 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)
sodium nitrate	7631-99-4	>= 1 -< 10
2-octyl-2H-isothiazole-3-one (OIT)	26530-20-1	>= 0.0025 -< 0.025

### 4. FIRST AID MEASURES

- General advice : No hazards which require special first aid measures.
- If inhaled : Move to fresh air.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.
- In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Keep eye wide open while rinsing.
- 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.
- Notes to physician : Treat symptomatically.

### 5. FIREFIGHTING MEASURES

- 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

# SAFETY DATA SHEET

## SikaPlast® R 8309



Version 1.1	Revision Date: 2024/01/12	SDS Number: 100000051124	Date of last issue: 2023/07/07 Date of first issue: 2023/07/07
----------------	------------------------------	-----------------------------	---

---

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

Contains no substances with occupational exposure limit values.

#### 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

## SikaPlast® R 8309



Version 1.1	Revision Date: 2024/01/12	SDS Number: 100000051124	Date of last issue: 2023/07/07 Date of first issue: 2023/07/07
----------------	------------------------------	-----------------------------	---

- 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 : When using do not eat or drink.  
When using do not smoke.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : liquid
- Colour : brown
- Odour : No data available
- Odour Threshold : No data available
- pH : 5.0 -8.0
- Melting point/range / Freezing point : No data available
- Boiling point/boiling range : No data available
- Flash point : Not applicable
- 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 : 23 hPa
- Relative vapour density : No data available
- Density : ca. 1.175 g/cm<sup>3</sup> (25 °C (77 °F))

# SAFETY DATA SHEET

## SikaPlast® R 8309



Version  
1.1

Revision Date:  
2024/01/12

SDS Number:  
100000051124

Date of last issue: 2023/07/07  
Date of first issue: 2023/07/07

---

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 : 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.  
Possibility of hazardous reac-  
tions : No hazards to be specially mentioned.  
Conditions to avoid : No data available  
Incompatible materials : No data available

---

### 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Components:

##### sodium nitrate:

Acute oral toxicity : LD50 Oral (Rat): 3,430 mg/kg

#### Skin corrosion/irritation

Not classified based on available information.

# SAFETY DATA SHEET

## SikaPlast® R 8309



Version  
1.1

Revision Date:  
2024/01/12

SDS Number:  
100000051124

Date of last issue: 2023/07/07  
Date of first issue: 2023/07/07

---

### **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**

Not classified based on available information.

#### **STOT - repeated exposure**

Not classified based on available information.

#### **Aspiration toxicity**

Not classified based on available information.

---

## 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

#### **Components:**

#### **2-octyl-2H-isothiazole-3-one (OIT):**

M-Factor (Acute aquatic toxicity) : 100

M-Factor (Chronic aquatic toxicity) : 100

#### **Persistence and degradability**

No data available

#### **Bioaccumulative potential**

No data available

#### **Mobility in soil**

No data available

---

# SAFETY DATA SHEET

## SikaPlast® R 8309



Version 1.1	Revision Date: 2024/01/12	SDS Number: 100000051124	Date of last issue: 2023/07/07 Date of first issue: 2023/07/07
----------------	------------------------------	-----------------------------	---

---

### Other adverse effects

#### Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

---

## 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

---

## 14. TRANSPORT INFORMATION

### International Regulations

#### **UNRTDG**

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable

#### **IATA-DGR**

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**

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 : Not applicable

---

# SAFETY DATA SHEET

## SikaPlast® R 8309



Version 1.1	Revision Date: 2024/01/12	SDS Number: 100000051124	Date of last issue: 2023/07/07 Date of first issue: 2023/07/07
----------------	------------------------------	-----------------------------	---

### 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

Not applicable

## 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: sodium hydroxide (List 5.1, Number on list 153; List 2.1, Number on list 6)
Emergency Decree on Controlling the Use of Volatile Substances	:	Not applicable
International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors	:	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: 0.5% w/w

## 16. OTHER INFORMATION

Revision Date	:	2024/01/12
Date format	:	yyyy/mm/dd

### Full text of other abbreviations

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



# SAFETY DATA SHEET

## SikaPlast® R 8309



Version 1.1	Revision Date: 2024/01/12	SDS Number: 100000051124	Date of last issue: 2023/07/07 Date of first issue: 2023/07/07
----------------	------------------------------	-----------------------------	---

---

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