

# SAFETY DATA SHEET

Sika® RainTite



Version  
3.0

Revision Date:  
26.03.2026

SDS Number (Internal):  
100000034902

Date of last issue: 21.02.2025  
Date of first issue: 07.12.2020

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Sika® RainTite

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

Product use : Acrylate coating

### Manufacturer or supplier's details

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

Telephone : +82-31-8056-7777

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

Telefax : +82-31-8056-7788

## 2. HAZARDS IDENTIFICATION

### GHS Classification

Carcinogenicity : Category 1A

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

### GHS label elements

Hazard pictograms



Signal word : Danger

Hazard statements : H350 May cause cancer.  
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.

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P260 Do not breathe mist or vapours.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:**

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

**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)
Titanium dioxide (> 10 µm)	Titanium dioxide (> 10 µm)	13463-67-7	>= 5 - < 10
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified	Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified	64742-52-5	0 - < 1
Quartz RCS (respirable crystalline silica)	Quartz RCS (respirable crystalline silica)	14808-60-7	>= 0.1 - < 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.

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- 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 : See Section 11 for more detailed information on health effects and symptoms.  
No known significant effects or hazards.  
May cause cancer.  
May cause damage to organs through prolonged or repeated exposure if inhaled.
- Notes to physician : Treat symptomatically.
- 

### 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
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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 exposure)	Control parameters / Permissible concentration	Basis
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			
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified	64742-52-5	TWA	0.8 mg/m <sup>3</sup> (mixed solvent soluble aerosol)	KR OEL
		TWA (Inhalable particulate matter)	5 mg/m <sup>3</sup>	ACGIH
Quartz RCS (respirable crystalline silica)	14808-60-7	TWA (Respirable fraction)	0.05 mg/m <sup>3</sup>	KR OEL
	Further information: Sufficient evidence of carcinogenicity in humans			
		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

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

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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 : liquid
- Colour : grey
- Odour : characteristic
- Odour Threshold : No data available
- pH : No data available
- Melting point/ range / Freezing point : No data available
- Boiling point/boiling range : No data available
- Flash point : No data available
- 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 : No data available

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flammability limit

Vapour pressure : 23 hPa

Solubility(ies)

Water solubility : No data available

Solubility in other solvents : No data available

Density : ca. 1.2 g/cm<sup>3</sup> (25 °C)

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 : 7 mm<sup>2</sup>/s ( 40 °C (104 °F))

Explosive properties : No data available

Oxidizing properties : No data available

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### 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.

Conditions to avoid : No data available

Incompatible materials : No data available

Hazardous decomposition products : No hazardous decomposition products are known.

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### 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : No data available

#### Health hazard information

##### Acute toxicity

No data available

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## Components:

### **Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified:**

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

Acute inhalation toxicity : LC50 (Rat): > 5.53 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 Dermal (Rabbit): > 2,000 mg/kg

### **Skin corrosion/irritation**

No data available

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

No data available

### **Respiratory or skin sensitisation**

#### **Respiratory sensitisation**

No data available

#### **Skin sensitisation**

No data available

### **Carcinogenicity**

May cause cancer.

## Components:

### **Titanium dioxide (> 10 µm):**

Suspected of causing cancer.

### **Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified:**

No data available

### **Quartz RCS (respirable crystalline silica):**

May cause cancer.

### **Germ cell mutagenicity**

No data available

## Components:

### **Titanium dioxide (> 10 µm):**

No data available

### **Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified:**

No data available

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**Quartz RCS (respirable crystalline silica):**

No data available

**Reproductive toxicity**

No data available

**Components:**

**Titanium dioxide (> 10 µm):**

No data available

**Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified:**

No data available

**Quartz RCS (respirable crystalline silica):**

No data available

**STOT - single exposure**

No data available

**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

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## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

**Components:**

**Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified:**

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

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Toxicity to algae/aquatic plants : IC50 (Pseudokirchneriella subcapitata (green algae)): > 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 : There is no data available for this product.

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## 13. DISPOSAL CONSIDERATIONS

### Disposal methods

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

### Disposal precautions

Dispose of contents and container according to wastes control act.

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## 14. TRANSPORT INFORMATION

### International Regulations

#### UNRTDG

UN number : UN 1263  
Proper shipping name : PAINT  
Class : 3  
Packing group : III  
Labels : 3  
Environmentally hazardous : no

#### IATA-DGR

UN/ID No. : UN 1263  
Proper shipping name : Paint  
Class : 3  
Packing group : III  
Labels : Flammable Liquids  
Packing instruction (cargo aircraft) : 366  
Packing instruction (passenger aircraft) : 355

#### IMDG-Code

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UN number : UN 1263  
Proper shipping name : PAINT  
Class : 3  
Packing group : III  
Labels : 3  
EmS Code : F-E, S-E  
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

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

### 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.
Limestone	1317-65-3
Titanium dioxide	13463-67-7
metal working fluids	64742-52-5
Silica (Crystalline quartz)	14808-60-7

#### 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 %
Metal working fluids type 1	64742-52-5	
Silica	14808-60-7	

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## Controlled Substances Subject to Health Examination

Chemical name	CAS-No.	Threshold limits (%)
Mineral dusts	1317-65-3	
Mineral dusts	14808-60-7	

## 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

#### Substances Hazardous to the environment

Not applicable

## Accident Precaution Chemicals

Not applicable

## Toxic Release Inventory

Not applicable

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

### Restricted Chemicals

Not applicable

### Prohibited Chemicals

Not applicable

## Substances subject to intensive control (ARECs)

Chemical name	CAS-No.
Quartz (SiO <sub>2</sub> )	14808-60-7

## Substances with Unconfirmed Hazards

Not applicable

## Dangerous Substances Safety Management Act

Not Applicable to Dangerous Materials

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

## Wastes Control Act

Industrial general wastes  
Follow article 13 of the act to dispose the product waste

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### Enforcement Rule of Clean Air Conservation Act

Specific Air Pollutants

Chemical name
Ethylene oxide

### 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

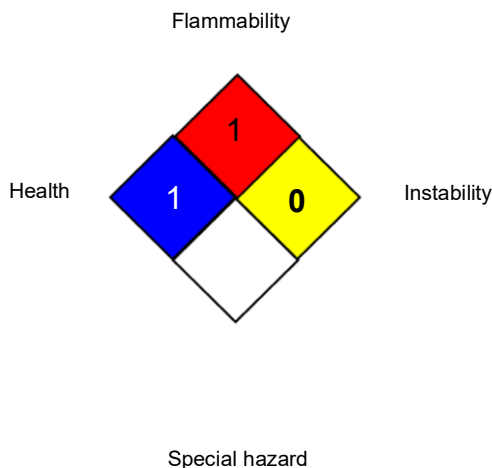
## 16. OTHER INFORMATION

Issuing date : 07.12.2020

### Revision number and date

Number of Revision : 3.0  
Revision Date : 26.03.2026  
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

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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.

KR / EN