

# SAFETY DATA SHEET

## SikaPlast®-204 TH



Version 3.0

SDS Number: 100000009199

Revision Date: 2018/03/13

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : SikaPlast®-204 TH

Product code : 100000009199

Type of product : liquid

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

Product use : Concrete admixtures

#### 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

Acute aquatic toxicity : Category 3

#### GHS label elements

Hazard pictograms : None

Signal word : None

Hazard statements : H402 Harmful to aquatic life.

Precautionary statements : **Prevention:**  
P273 Avoid release to the environment.  
**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

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Substance / Mixture : Mixture

### Hazardous components

| Chemical name   | CAS-No.    | Concentration (%)         |
|---|------------|---------------------------|
| mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | $\geq 0.0025$ - $< 0.025$ |

## 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 : See Section 11 for more detailed information on health effects and symptoms.  
No known significant effects or hazards.
- 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
- 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

- 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 : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

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### 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.  
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.

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### 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.
- 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.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : liquid
- Colour : brown

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|  |   |
|--|---|
| Odour                                  | : mild  |
| Odour Threshold                        | : No data available                               |
| pH                                     | : ca. 5.47  |
| 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                           | : No data available                               |
| Upper explosion limit                  | : No data available                               |
| Lower explosion limit                  | : No data available                               |
| Vapour pressure                        | : 23 hPa (17 mmHg)                                |
| Relative vapour density                | : No data available                               |
| Density                                | : ca. 1.125 g/cm <sup>3</sup> (25 °C (77 °F) ( )) |
| Solubility(ies)                        |   |
| Water solubility                       | : soluble   |
| Partition coefficient: n-octanol/water | : No data available                               |
| Auto-ignition temperature              | : No data available                               |
| Decomposition temperature              | : No data available                               |
| Viscosity                              |   |
| Viscosity, dynamic                     | : < 60.0 mPa.s (25 °C)                            |
| Viscosity, kinematic                   | : No data available                               |
| Explosive properties                   | : No data available                               |
| Molecular weight                       | : No data available                               |

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### 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- | : Stable under recommended storage conditions.                |

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tions

Conditions to avoid : No data available

Incompatible materials : No data available

No decomposition if stored and applied as directed.

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### 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

No data available

#### Skin corrosion/irritation

Not classified based on available information.

#### 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.

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### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

##### Components:

**mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1):**

M-Factor (Acute aquatic toxicity) : 100

M-Factor (Chronic aquatic toxicity) : 10

#### Persistence and degradability

No data available

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### **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**

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.

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## 14. TRANSPORT INFORMATION

### **International Regulations**

#### **UNRTDG**

Not dangerous goods

#### **IATA-DGR**

Not dangerous goods

#### **IMDG-Code**

Not dangerous goods

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

Not applicable for product as supplied.

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## 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 B.E. 2535 : Not applicable

Emergency Decree on Controlling the Use of Volatile Substances B.E. 2533 : Not applicable

VOC-EU (solvent) : 1.21 g/l

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## 16. OTHER INFORMATION

Date format : yyyy/mm/dd

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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.