

# SAFETY DATA SHEET

## Sikalastic®-680 RT GRS 2000



Version  
1.2

Revision Date:  
17.07.2025

SDS Number:  
100000051812

Date of last issue: 03.08.2023  
Date of first issue: 02.08.2023

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product identifier** : Sikalastic®-680 RT GRS 2000

**Manufacturer or supplier's details**

**Company** : Sika (Singapore) Pte Ltd.

28 Tuas South Ave 8  
637648 Singapore

**Telephone** : +65 6861 0632

**Emergency telephone number** : +65 6861 0632

**E-mail address** : -

**Telefax** : +65 6862 3915

### 2. HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

Serious eye damage/eye irritation : Category 2

Specific target organ toxicity - repeated exposure : Category 1

**GHS Label elements, including precautionary statements**

**Hazard pictograms** :



**Signal word** : Danger

**Hazard statements** : H319 Causes serious eye irritation.  
H372 Causes damage to organs through prolonged or repeated exposure.

**Precautionary statements** : **Prevention:**  
P260 Do not breathe mist or vapours.  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear eye protection/ face protection.  
**Response:**  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water

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for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P314 Get medical advice/ attention if you feel unwell.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.

### 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)
Chlorinated paraffin	106232-86-4	>= 10 -< 20
Hydrocarbons, C9, aromatics	64742-95-6	>= 2.5 -< 10

## 4. FIRST AID MEASURES

### Description of necessary 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.  
If symptoms persist, call a physician.

In case of eye contact : Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.

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

Risks : irritant effects  
Excessive lachrymation  
See Section 11 for more detailed information on health effects

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and symptoms.  
Causes serious eye irritation.  
Causes damage to organs through prolonged or repeated exposure.

### Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

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## 5. FIREFIGHTING MEASURES

### Extinguishing media

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

### Special hazards arising from the substance or mixture

Hazardous combustion products : No hazardous combustion products are known

### Special protective actions for fire-fighters

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

Specific extinguishing methods : Standard procedure for chemical fires.

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## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.  
Deny access to unprotected persons.

### Environmental precautions

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

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

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## 7. HANDLING AND STORAGE

### Precautions for safe handling

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

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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.  
Smoking, eating and drinking should be prohibited in the application area.  
Follow standard hygiene measures when handling chemical products

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.

### Conditions for safe storage, including any incompatibilities

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Store in accordance with local regulations.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

### Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

Skin protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	: viscous liquid
Colour	: black
Odour	: aromatic
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	: ca. 130 °C (266 °F) (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	: 4.9996 hPa
Relative vapour density	: No data available
Density	: $\geq 1.45 \text{ g/cm}^3$ (23 °C (73 °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	: $\geq 4,000 \text{ mPa.s}$
Viscosity, kinematic	: No data available
Explosive properties	: No data available
Oxidizing properties	: 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 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.

### 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified due to lack of data.

#### Components:

##### Hydrocarbons, C9, aromatics:

Acute oral toxicity : LD50 Oral (Rat): > 2,000 mg/kg

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

#### Skin corrosion/irritation

Not classified due to lack of data.

#### Serious eye damage/eye irritation

Causes serious eye irritation.

#### Respiratory or skin sensitisation

##### Skin sensitisation

Not classified due to lack of data.

##### Respiratory sensitisation

Not classified due to lack of data.

##### Germ cell mutagenicity

Not classified due to lack of data.

##### Carcinogenicity

Not classified due to lack of data.

##### Reproductive toxicity

Not classified due to lack of data.

##### STOT - single exposure

Not classified due to lack of data.

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### STOT - repeated exposure

Causes damage to organs through prolonged or repeated exposure.

### Aspiration toxicity

Not classified due to lack of data.

## 12. ECOLOGICAL INFORMATION

### Toxicity

#### Components:

#### Hydrocarbons, C9, aromatics:

Toxicity to algae/aquatic plants : (Pseudokirchneriella subcapitata (green algae)): 2.6 - 2.9 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 : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful to aquatic life with long lasting effects.

## 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Send to a licensed waste management company.  
  
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.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.

Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

### International Regulations

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### UNRTDG

Not regulated as a dangerous good

UN number : Not applicable  
UN proper shipping name : Not applicable  
Transport hazard class(es) : 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  
UN proper shipping name : Not applicable  
Transport hazard class(es) : 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  
UN proper shipping name : Not applicable  
Transport hazard class(es) : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
EmS Code : Not applicable  
Marine pollutant : Not applicable

### Transport in bulk according to IMO instruments

Not applicable for product as supplied.

### Special precautions for user

Not applicable

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## 15. REGULATORY INFORMATION

### Safety, health and environmental regulations specific for the product in question

Workplace Safety and Health Act and Workplace Safety and Health (General Provisions) Regulations: This product is subject to the requirements in the Act/Regulations.

Environmental Protection and Management Act and : Not applicable  
Environmental Protection and Management (Hazardous Substances) Regulations



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### 16. OTHER INFORMATION

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#### 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  
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.

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