

# SAFETY DATA SHEET

Sikalastic® -450 (I) TH



Version 1.0

MSDS Number: 0000000485051

Revision Date: 2015/05/29

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Sikalastic® -450 (I) TH  
Product code : 0000000485051  
Type of product : liquid

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

Product use : Waterproof membrane.

### Manufacturer or supplier's details

Company : Sika (Thailand) Limited  
700/37 Moo 5 Bangpakong  
Industrial Park II Km.57 Bangna-Trad Rd.  
Tambol Klong Tamhru  
Maung District, Cholburi 2000,  
Thailand  
Telephone : +66 3810 9500  
Telefax : +66 3821 4286  
E-mail address : Sikathai@th.sika.com

## 2. HAZARDOUS IDENTIFICATION

### GHS Classification

Not a hazardous substance or mixture

### GHS Label element

Not a hazardous substance or mixture

### Other hazards which do not result in classification

None known.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Hazardous components

Chemical Name	CAS-No.	Concentration (%)
Polyurethane emulsified	-	20 - 50
Bitumen	8052-42-4	50 - 70
Additive	-	3 - 5
Water	7732-18-5	30 - 40

## SAFETY DATA SHEET

Sikalastic® -450 (I) TH



Version 1.0

MSDS Number: 0000000485051

Revision Date: 2015/05/29

### 4. FIRST AID MEASURES

- General advice : No hazards which require special first aid measures.
- If inhaled : Move affected person to fresh air. If symptoms persist obtain medical attention.
- In case of skin contact : In extreme case : irritation.  
Wash skin with water and soap.
- In case of eye contact : In extreme case : irritation.  
Irritation eyes with plenty of water for at least 10 minutes.  
Obtain medical attention if symptoms persist.
- If swallowed : Nausea  
Give plenty of water to drink.  
Clear mouth, nose and throat.  
Seek medical assistance.
- 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.

### 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water, alcohol-resistant foam, powder, CO2 , sand... all extinguishing media are suitable.
- Fire hazard : Product is water based and the wet form it is a low fire hazard.  
The dried product is combustible. Decomposition products could be toxic
- Specific extinguishing methods : Standard procedure for chemical fires.
- Special protective equipment : In the event of fire, wear self-contained breathing apparatus.  
For firefighters

### 6. ACCIDENTAL MEASURES

- Personal Protection : Wear PVC gloves and goggles to contain spills.  
Avoid repeated skin contact.
- Environmental precaution : Prevent the product entering sewers and waterways.
- Cleaning/Recovery : Large spilling : Contain & pump into containers.  
Small spilling : absorb on sand, earth ...

# SAFETY DATA SHEET

Sikalastic® -450 (I) TH



Version 1.0

MSDS Number: 0000000485051

Revision Date: 2015/05/29

## 7. HANDLING AND STORAGE

- Handling : Good industrial and personal hygiene should be followed. No eating and drinking in the workplace. Ensure adequate ventilations.
- Conditions for safe storage : Temp. between +5 and +40 °C

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

### Componentsth workplace control parameters

Components	CAS No.	Value type Form of exposure)	Control parameter/ Permissible concentration	Basis
Bitumen (Asphalt)	8052-42-4	TWA (inhalable fraction)	0.5 mg/m <sup>3</sup> (as benzene soluble aerosol)	ACGIH
		TWA (Fume inhalable fraction)	0.5 mg/m <sup>3</sup> (as benzene soluble aerosol)	ACGIH

### Exposure

No danger in normal ambient conditions. User should determine the conditions for safe use of the product.

### Personal protective equipment

- Respiratory protection : N/A.
- Hand protection : Waterproof glove.
- Eye protection : Goggles or Safety eyewear.
- Skin and body protection : N/A.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Viscous liquid
- Colour : black
- Odour : Distinctive
- Odour Threshold : No data available

# SAFETY DATA SHEET

Sikalastic® -450 (I) TH



Version 1.0

MSDS Number: 0000000485051

Revision Date: 2015/05/29

---

pH	:	8-9
Boiling point	:	approx. as water
Freezing point	:	Not applicable
Flash point	:	> 100 °C
Evaporation rate	:	No data available
Flammability	:	No data available
Upper explosion limit	:	No data available
Lower explosion limit	:	No data available
Vapour pressure	:	approx. as water
Density	:	ca. 1.05 g/cm <sup>3</sup> (25 °C (77 °F))
Solubility in water	:	Miscible
Auto-ignition temperature	:	No data available
Volatile organic compound (VOC) content	:	No data available

---

## 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable under the recommended storage condition.
Condition to avoid	:	No data available
Incompatible material	:	Avoid strong acid and material react with water.

---

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

No data available

### Skin corrosion/irritation

#### Product:

Remark: No data available

### Serious eye damage/eye irritation

#### Product:

Remark: No data available

# SAFETY DATA SHEET

Sikalastic® -450 (I) TH



Version 1.0

MSDS Number: 0000000485051

Revision Date: 2015/05/29

## 11. TOXICOLOGICAL INFORMATION

### Respiratory or skin sensitisation

**Product:**

Remark: No data available

### Germ cell mutagenicity

**Product:**

Germ cell mutagenicity-  
Assessment : No data available

### Carcinogenicity

**Product:**

Carcinogenicity  
Assessment : No data available

### Reproductive toxicity

**Product:**

Reproductive toxicity  
Assessment : No data available

---

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The product is miscible with water and as such could cover considerable distances if spilled into waterways. Even a small spillage whiten the appearance of water.

There is only a slow environmental breakdown of the product, but seemingly on tendency for bioaccumulation.

Water for sewage treatment, that has been contaminated with small quantity of the products, will not affect the biomass. Absorption of the polymer particles onto the sludge will occur with subsequent elimination from the waste stream.

### Persistence and degradability

No data available

### Bioaccumulative potential

No data available

### Mobility in soil

No data available

# SAFETY DATA SHEET

Sikalastic® -450 (I) TH



Version 1.0

MSDS Number: 0000000485051

Revision Date: 2015/05/29

## Other adverse effects

### Product:

Additional ecological information : There is no data available for this product.

---

## 13. DISPOSAL CONSIDERATION

DO not discharge untreated waste latex directly into sewers or waterways. The product contain can be coagulated and disposed of in a landfill site or by incineration. Effluent containing latex can be obtained form jour environment department.

---

## 14. TRANSPORT INFORMATION

### International Regulation

#### **ADR**

Not dangerous goods

#### **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.

#### **49 CFR**

Not dangerous goods

#### **TDG**

Not dangerous goods

#### **ANTT 420**

Not dangerous goods

#### **GB 6944/12268**

Not dangerous goods

#### **ADG**

Not dangerous goods

#### **NZS 5433**

Not dangerous goods

# SAFETY DATA SHEET

Sikalastic® -450 (I) TH



Version 1.0

MSDS Number: 0000000485051

Revision Date: 2015/05/29

## 15. REGULATORY INFORMATION

### Safety, health and environmental regulation/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 listed
Emergency Decree on Controlling the Use of Volatile Substance B.E. 2533	:	Not applicable

The product has no EC-number and it is not listed in EINECS.

## 16. OTHER INFORMATION

Date format : yyyy/mm/dd

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.