

# SAFETY DATA SHEET

Sikafloor® -31 PurCem® TH (B)



Version 1.0

MSDS Number: 100000441266

Revision Date: 2018/10/24

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Sikafloor® -31 PurCem® TH (B)  
Product code : 100000441266  
Type of product : Liquid

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

Product use : Floor leveling compound

### Manufacturer or supplier's details

Company : Sika (Thailand) Limited  
700/37 Moo 5 Amata Nakorn Estate  
Bangna-Trad Rd. Km.57  
Tambol KlongTamhru  
Maung District, Cholburi 20000,  
Thailand  
Telephone : +66 3810 9500  
Telefax : +66 3821 4286  
E-mail address : Sikathai@th.sika.com

## 2. HAZARDOUS IDENTIFICATION

### GHS Classification

Acute toxicity (Inhalation) : Category 4  
Skin corrosion/irritation : Category 2  
Serious eye damage/eye irritation : Category 2A  
Respiratory sensitisation : Category 1  
Skin sensitisation : Category 1  
Carcinogenicity : Category 2  
Specific target organ toxicity- single exposure : Category 3 (Respiratory system)  
Specific target organ toxicity- repeated exposure (Inhalation) : Category 2

### GHS Label element

Hazard pictograms :



Signal word : Danger

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Hazard statements	: H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H351 Suspected of causing cancer. H373 May cause damage to organs through prolonged or repeated exposure if inhaled.
Precautionary statements	: <b>Prevention:</b> P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/ eye protection/ face protection. P281 Use personal protective equipment as required. P285 In case of inadequate ventilation wear respiratory protection. <b>Response:</b> P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308 + P313 IF exposed or concerned: Get medical advice/ attention. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P337 + P313 If eye irritation persists: Get medical advice/ attention. P362 Take off contaminated clothing and wash before reuse. <b>Storage:</b> P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. <b>Disposal:</b> P501 Dispose of contents/ container to an approved waste disposal plant.

## Other hazards which do not result in classification

None known.

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Hazardous components

Chemical Name	CAS-No.	Concentration (%)
Aromatic Isocyanate	9016-87-9	20 - 55
Plasticizer	N/A	15 - 65
Additive	N/A	< 5

## 4. FIRST AID MEASURES

- If inhaled : Remove to fresh air. If breathing has stopped, institute artificial respiration. Consult physician.
- In case of skin contact : Wash skin thoroughly with soap and water. Remove contaminated clothing. If symptoms persist consult physician.
- In case of eye contact : Rinse eyes thoroughly with water for at least 15 minutes. Consult physician.
- If swallowed : Do not induce vomiting. Dilute with water. Consult physician.

## 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : In case of fire, use water spray (fog), foam, dry chemical or carbon dioxide
- Special protective equipment for fire fighters : In the event of fire, wear self-contained breathing apparatus and full protective gear.
- Flash Point : Not applicable
- Auto Ignition : Not available

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## 6. ACCIDENTAL MEASURES

- Environmental precaution : Do not allow to enter drains or waterways.  
Do not discharge into subsoil/soil.
- Personnel precaution : Use personal protective equipment.
- Methods and material for containment and clean up : Take up with absorbent materials (e.g.: sand, universal binder).

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## 7. HANDLING AND STORAGE

- Handling : For personal protection see section 8.  
Ensure adequate ventilation.
- Conditions for safe storage : Keep away from sources of ignition. Store in a cool dry area.

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## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

### Components workplace control parameters

Contains no substance with occupational 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 measure : 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, Brown
Odour	:	Earthy, musty
pH	:	Not applicable
Melting /Freezing point	:	No data available
Initial Boiling point	:	No data available
And Boiling Range	:	
Odor threshold	:	Not available
Flash point	:	> 300 °C
Evaporation rate	:	Not available
Flammability (solid, gas)	:	Not available
Upper explosion limit	:	Not applicable
Lower explosion limit	:	Not applicable
Vapor pressure	:	No data available
Vapor density	:	Not available
Relative density	:	1.20 – 1.25 g/ml
Solubility in water	:	Insoluble
n-otanol/water	:	No data available
coefficient (log Pow)	:	
Auto-ignition temperature	:	No data available
Molecular weight	:	No data available
Decomposition temperature	:	No data available
Viscosity	:	10 – 50 cps

## 10. STABILITY AND REACTIVITY

Stability	:	Stable
Hazardous Polymerization	:	Will not occur
Incompatible Material	:	None known
Hazardous Decomposition Product	:	Carbon dioxide and sulfur oxide (SOx)

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## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Harmful if inhaled.

### Components:

#### Diphenylmethanediisocyanate, isomeres and homologues:

Acute oral toxicity : LD50 Oral (Rat): > 10,000 mg/kg  
Acute inhalation toxicity : Acute toxicity estimate: 1.5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Expert judgement  
Acute dermal toxicity : LD50 Dermal (Rabbit): > 9,400 mg/kg

### Skin corrosion/irritation

Causes skin irritation.

### Serious eye damage/eye irritation

Causes serious eye irritation.

### Respiratory or skin sensitisation

Skin sensitisation: May cause an allergic skin reaction.

Respiratory sensitisation: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

### Germ cell mutagenicity

Not classified based on available information.

### Carcinogenicity

Suspected of causing cancer.

### Reproductive toxicity

Not classified based on available information.

### STOT - single exposure

May cause respiratory irritation.

### STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure if inhaled.

### Aspiration toxicity

Not classified based on available information.

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## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No data available.

### Biodegradation

BOD 1.5% , TOD 8.5%

## 13. DISPOSAL CONSIDERATION

- Material Disposal : In accordance with local authority regulations, take to special waste incineration plant.
- Contaminated Packaging : If empty contaminated containers are recycled or disposed of, the receiver must inform about possible hazards.

## 14. TRANSPORT INFORMATION

### UN Number

Not applicable

### ADR

Not dangerous goods

### UNRTDG

Not dangerous goods

### IMO

Not dangerous goods

### ICAO/IATA

Not dangerous goods

## 15. REGULATORY INFORMATION

### Safety, health and environmental regulation/legislation specific for the substance or mixture

- Hazardous Substance Act B.E. 2535 : Diphenylmethanediisocyanate, isomeres and homologues
- Hazard Labels : May cause serious health hazard
- Hazard Description : May cause serious health hazard
- R43 : May cause sensation by skin contact
- S24 : Avoid contact with skin

## 16. OTHER INFORMATION

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.