

SAFETY DATA SHEET

Sikafloor® -21 PurCem® TH (B)



Version 1.0

MSDS Number: 100000008655

Revision Date: 2015/07/29

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Sikafloor® -21 PurCem® TH (B)
Product code : 100000008655
Type of product : liquid

Recommended use of the chemical and restrictions on use

Product use : Floor levelling 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, Chonburi 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 pictogram :  

Signal word : Danger

SAFETY DATA SHEET

Sikafloor® -21 PurCem® TH (B)



Version 1.0

MSDS Number: 100000008655

Revision Date: 2015/07/29

- Hazard statement : 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 statement : **Prevention:**
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.
Response:
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.
Storage:
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

SAFETY DATA SHEET

Sikafloor® -21 PurCem® TH (B)



Version 1.0

MSDS Number: 100000008655

Revision Date: 2015/07/29

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

Ingredients

Chemical Name	CAS-No.	Concentration (%)
Aromatic Isocyanate	9016-87-9	50 - 90
Additive	-	5 - 30

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.
- Notes to physician : Treat symptomatically.

5. FIREFIGHTING MEASURES

- Suitable extinguishing media : In case of fire, use water spray (fog), foam, dry chemical or carbon dioxide.
- Specific extinguishing methods: Standard procedure for chemical fires.
- Special protective equipment : In the event of fire, wear self-contained breathing apparatus and full protective gear.

SAFETY DATA SHEET

Sikafloor® -21 PurCem® TH (B)



Version 1.0

MSDS Number: 100000008655

Revision Date: 2015/07/29

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 absorb earth material (e.g.: sand, universal binder)

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Components workplace control parameters

Contains no substance with occupational limit values.

Personal protective equipment

- Engineering control : Use with adequate general and local exhaust ventilation.
- Respiratory protection : General room ventilation is normal adequate.
- Hand protection : Chemical resistance gloves/ PVC glove.
- Eye protection : Safety goggles with side shields.
- Skin and body protection : Light protective clothing.
- Hygiene measure : Do not eat, drink, smoke or drug taking in work place.
Wash hands before break or after work.

SAFETY DATA SHEET

Sikafloor® -21 PurCem® TH (B)



Version 1.0

MSDS Number: 100000008655

Revision Date: 2015/07/29

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Liquid.
Odour	: Typical
Chemical Type	: Mixture
pH	: Not applicable
Initial Boiling point And Boiling Range	: No data available
Melting /Freezing point	: No data available
Flash point	: 105 °C
Volatile (by volume)	: ca. 35%
Volatile (by weight)	: ca. 19%
Vapour density	: Heavier than air
Upper explosion limit	: Not applicable
Lower explosion limit	: Not applicable
Vapour pressure	: No data available
Density	: ca. 1.28 g/cm ³ (20 °C)
Solubility in water	: Insoluble
n-octanol/water partition coefficient (log Pow)	: No data available
Dynamic viscosity	: No data available
Kinematic viscosity	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Volatile organic compound (VOC) content	: No data available

SAFETY DATA SHEET

Sikafloor® -21 PurCem® TH (B)



Version 1.0

MSDS Number: 100000008655

Revision Date: 2015/07/29

10. STABILITY AND REACTIVITY

- Hazardous Polymerization : No hazardous reaction known under condition of normal use.
- Condition to avoid : No data available.
- Incompatible material : No data available.
- Hazardous decomposition products : Carbon dioxide and sulfur oxide (SO_x)

11. TOXICOLOGICAL INFORMATION

Acute toxicity

No data available

Proper use provided, no adverse health effects have been observed or have been come to our knowledge. Eye contact may produce an oil film eyeball causing a harmless reversible short lasting dimness of sight.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available.

Biodegradation

BOD 1.5% , TOD 8.5%

Fish Toxicity

No data available.

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.

SAFETY DATA SHEET

Sikafloor® -21 PurCem® TH (B)



Version 1.0

MSDS Number: 100000008655

Revision Date: 2015/07/29

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.

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
Notification of Ministry of Interior on Working Safety Relating to Hazardous Chemical B.E. 2534	: Diphenylmethanediisocyanate, isomers and homologues.

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.