

SAFETY DATA SHEET

Sika® Injection-127 H (B)



Version 1.0

MSDS Number: 1000000538585

Revision Date: 2018/02/06

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Sika® Injection-127 H (B)
Product code : 1000000538585
Type of product : Liquid

Recommended use of the chemical and restrictions on use

Product use : Polyurethane foam for crack injection

Manufacturer or supplier's details

Company : Sika (Thailand) Limited
700/37 Moo 5 Bangpakong
Industrial Park II Km.57 Bangna-Trad Rd.
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

Reproductive toxicity : Category 1B
Acute aquatic toxicity : Category 1

GHS Label element

Hazard pictograms :



Signal word : Danger
Hazard statements : H360 May damage fertility or the unborn child.
H400 Very toxic to aquatic life.
Precautionary statements : **Prevention:**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P273 Avoid release to the environment.
P280 Wear protective gloves/ eye protection/ face protection.
P281 Use personal protective equipment as required.

SAFETY DATA SHEET

Sika® Injection-127 H (B)



Version 1.0

MSDS Number: 1000000538585

Revision Date: 2018/02/06

Response:

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P391 Collect spillage.

Storage:

P405 Store locked up.

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

Hazardous components

Chemical Name	CAS-No.	Concentration (%)
DBP	84-74-2	5 - 63 %
Additive	-	10 - 37 %

4. FIRST AID MEASURES

- In case of eye contact : Immediately flush eyes with large amounts of water for at least 15 minutes with holding eyes opened and occasionally lifting the upper and lower eyelids. If the person affected wears contact lenses, remove them if possible for more through flushing. If pain and irritation develop, call an oculist as soon as possible.
- In case of skin contact : Immediately flush affected area with large amounts of water for at least 15 minutes. Then wash the affected area with soap and water. If pain and irritation develop call a dermatologist or physician.
- Ingestion : Mouth wash with water and drink some amount of water to dilute the drunken product. Do not give him anything to eat if the affected person is unconscious. Call a physician at once.
- Inhalation : The affected person should evacuate or be moved to fresh air from the risk of further exposure.

SAFETY DATA SHEET

Sika® Injection-127 H (B)



Version 1.0

MSDS Number: 1000000538585

Revision Date: 2018/02/06

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 : Dry chemical powder, carbon dioxide, water spray and large amount of water.

Hazardous combustion : Carbon monoxide, CO₂ and Hydrocarbon.

Specific extinguishing methods : Standard procedure for chemical fires.

Special protective equipment : All persons fighting a fire should wear full protective equipment including breathing apparatus as toxic gases will be formed by combustion . Remove all sources of ignition or flammable materials around the fire site. Clear the area of all non-essential personnel. Firefighting must be performed on the windward. In case of large fires, water spray should be used. Cool down containers exposed to fire with water.

6. ACCIDENTAL MEASURES

Put on protective equipment. Remove source of fire and ensure adequate ventilation. Prevent from entering drains, scoop up and place in an opened top drum, eliminate all source by absorption on paper, cloth towels, sand or absorbent.

7. HANDLING AND STORAGE

Advice on safe handling : Wear personal protective equipment such as splash-proof goggles, face shield, chemically impermeable suits, boots and gloves whenever you handle the product. Avoid getting the product in eyes, on skin, on clothing and inhaling vapor or mist of the product. Wash hand and face before and at the end at work. Do not expose the product to fire, spark and heat. Modified isocyanate concentration in the air be checked at regular intervals. Keep equipment clean. Use disposable containers and tools where possible. Do not eat, drink or smoke in working area. A basic essential in sampling, handling and storage is the prevention of contact with moisture or water. For personal protection see section 8.

SAFETY DATA SHEET

Sika® Injection-127 H (B)



Version 1.0

MSDS Number: 1000000538585

Revision Date: 2018/02/06

Conditions for safe storage : Store the product in airtight containers. Store containers in a dry and cool well-ventilated fireproof warehouse. Store the product away from the chemically incompatible materials such as oxidants and strong acids. Put up a sign of “ Caution : Flammable and Authorized Personnel Only” in the storage area.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Components with workplace control parameters

-

Personal protective equipment

Respiratory protection : When workers are facing concentrations above the exposure limit they must wear appropriate certified respirators.

Hand protection : Wear suitable protective gloves.

Eye protection : Safety glasses with side shields /goggles

Skin and body protection : -

Hygiene measures : Safety showers and eye-wash fountains.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid

Colour : Clear-Yellowish

Specific gravity : 0.835 – 1.035 (at25 °C)

Viscosity : Max. 50 cps. (at25 °C)

Boiling point : Not applicable

Freezing point : Not applicable

Flash point : Not applicable

Evaporation rate : No data available

Flammable (solid, gas) : No data available

Explosion limit : No data available

Vapour pressure : No data available

SAFETY DATA SHEET

Sika® Injection-127 H (B)



Version 1.0

MSDS Number: 1000000538585

Revision Date: 2018/02/06

Solubility : Soluble in organic solvent

Partition coefficient:
n-otanol/water : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Volatile organic compound : No data available
(VOC) content

10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : Stable under normal conditions.

Possible of hazardous reaction: No data available

Condition to avoid : No data available

Incompatible material : Oxidants and strong acids.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Route of entry: Inhalation, skin and ingestion
DBP Oral LD50 3.1 mg/kg (Mouse)

Skin corrosion/irritation

Not classification based on available information.

Serious eye damage/eye irritation

Not classification based on available information.

Respiratory or skin sensitisation

Skin sensitization: Not classification based on available information.
Respiratory sensitization: Not classification based on available information.

Germ cell mutagenicity

Not classification based on available information.

Carcinogenicity

Not classification based on available information.

SAFETY DATA SHEET

Sika® Injection-127 H (B)



Version 1.0

MSDS Number: 1000000538585

Revision Date: 2018/02/06

Reproductive toxicity

May damage fertility or unborn child.

STOT – single exposure

Not classification based on available information.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Persistence and degradability

No data available

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.

13. DISPOSAL CONSIDERATION

Care must be taken to prevent environmental contamination from use or disposal of this material. All the users of this material have the responsibility for disposal of used material, residues and container in compliance with your local laws and regulations. Burn the waste in a chemical incinerator equipped with an after-burner and scrubbers. Pay extra care in incinerator, as this material is highly flammable. Any industrial waste disposal practice must be in compliance with your local laws and regulations. Contact to your local environmental management agency for specific rules.

14. TRANSPORT INFORMATION

International Regulation

ADR

Not dangerous goods

UNRTDG

Not dangerous goods

IATA-DGR

Not dangerous goods

SAFETY DATA SHEET

Sika® Injection-127 H (B)



Version 1.0

MSDS Number: 1000000538585

Revision Date: 2018/02/06

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

15. REGULATORY INFORMATION

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

International Chemical Weapons Convention (CWC) : Not applicable

Schedules of Toxic Chemicals and Precursors

Hazardous Substance Act B.E. 2535 : DBP

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

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.