

# SAFETY DATA SHEET

## Sika® Aktivator PRO



Version  
3.0

Revision Date:  
04.05.2022

SDS Number:  
000000125402

Date of last issue: 16.11.2019  
Date of first issue: 04.12.2016

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Sika® Aktivator PRO

Product code : 000000125402

#### Manufacturer or supplier's details

Company : Sika Australia Pty. Ltd.  
55 Elizabeth Street  
Wetherill Park, NSW 2164

Telephone : +61 2 9725 11 45

Telefax : +61 2 9725 33 30

Emergency telephone number : +61 1800 033 111

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

Product use : Pretreatment agent

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Flammable liquids : Category 2

Skin corrosion/irritation : Category 2

Serious eye damage/eye irritation : Category 1

Specific target organ toxicity - single exposure : Category 3 (Central nervous system)

Aspiration hazard : Category 1

Long-term (chronic) aquatic hazard : Category 2

#### GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H225 Highly flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H336 May cause drowsiness or dizziness.

# SAFETY DATA SHEET

## Sika® Aktivator PRO



Version  
3.0

Revision Date:  
04.05.2022

SDS Number:  
000000125402

Date of last issue: 16.11.2019  
Date of first issue: 04.12.2016

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

:

### Prevention:

P210 Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ ventilating/ lighting equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P264 Wash skin thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ eye protection/ face protection.

### Response:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.  
P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
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 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  
P331 Do NOT induce vomiting.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P362 Take off contaminated clothing and wash before reuse.  
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.  
P391 Collect spillage.

### Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P403 + P235 Store in a well-ventilated place. Keep cool.  
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.

---

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

---

# SAFETY DATA SHEET

## Sika® Aktivator PRO



Version  
3.0

Revision Date:  
04.05.2022

SDS Number:  
000000125402

Date of last issue: 16.11.2019  
Date of first issue: 04.12.2016

Substance / Mixture : Mixture

### Components

Chemical name	CAS-No.	Concentration (% w/w)
Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha	64742-49-0	$\geq 60$ - $\leq 100$
bis(trimethoxysilylpropyl)amine	82985-35-1	$\geq 3$ - $< 10$
3-trimethoxysilylpropane-1-thiol	4420-74-0	$< 1$

## SECTION 4. 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 : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.  
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Continue rinsing eyes during transport to hospital.  
Remove contact lenses.  
Keep eye wide open while rinsing.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.  
Do NOT induce vomiting.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
Take victim immediately to hospital.
- Most important symptoms and effects, both acute and delayed : Risk of serious damage to the lungs (by aspiration).  
irritant effects  
Aspiration may cause pulmonary oedema and pneumonitis.  
Excessive lachrymation  
Dermatitis  
Loss of balance  
Vertigo  
See Section 11 for more detailed information on health effects and symptoms.  
May be fatal if swallowed and enters airways.  
Causes skin irritation.  
Causes serious eye damage.  
May cause drowsiness or dizziness.
- Notes to physician : Treat symptomatically.

# SAFETY DATA SHEET

## Sika® Aktivator PRO



Version  
3.0

Revision Date:  
04.05.2022

SDS Number:  
000000125402

Date of last issue: 16.11.2019  
Date of first issue: 04.12.2016

---

### SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical
- Unsuitable extinguishing media : Water  
High volume water jet
- Specific hazards during fire-fighting : Do not use a solid water stream as it may scatter and spread fire.  
Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : No hazardous combustion products are known
- Specific extinguishing methods : Use water spray to cool unopened containers.  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Hazchem Code : •3YE

---

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Remove all sources of ignition.  
Deny access to unprotected persons.
- Environmental precautions : Prevent product from entering drains.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

---

### SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Use explosion-proof equipment.  
Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.  
Take precautionary measures against electrostatic discharges.

# SAFETY DATA SHEET

## Sika® Aktivator PRO



Version  
3.0

Revision Date:  
04.05.2022

SDS Number:  
000000125402

Date of last issue: 16.11.2019  
Date of first issue: 04.12.2016

- Advice on safe handling** : Do not breathe vapours or spray mist.  
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.  
Take precautionary measures against static discharge.  
Open drum carefully as content may be under pressure.  
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).  
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** : Store in original container.  
Store in cool place.  
Keep in a well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Observe label precautions.  
Store in accordance with local regulations.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha	64742-49-0	TWA	900 mg/m <sup>3</sup>	AU OEL

#### Occupational exposure limits of decomposition products

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
methanol	67-56-1	TWA	200 ppm 262 mg/m <sup>3</sup>	AU OEL
Further information: Skin absorption				
		STEL	250 ppm 328 mg/m <sup>3</sup>	AU OEL

- Appropriate engineering controls** : Use adequate ventilation and/or engineering controls to prevent exposure to vapours.

# SAFETY DATA SHEET

## Sika® Aktivator PRO



Version  
3.0

Revision Date:  
04.05.2022

SDS Number:  
000000125402

Date of last issue: 16.11.2019  
Date of first issue: 04.12.2016

Avoid vapor formation.  
Provide appropriate exhaust ventilation at places where vapor is formed.

### Personal protective equipment

- Respiratory protection : In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.  
organic vapor filter (Type A)
- 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.  
Follow AS/NZS 1337.1  
Recommended: Butyl rubber/nitrile rubber gloves.  
Contaminated gloves should be removed.
- Eye protection : Safety goggles  
Wear suitable face shield.
- Skin and body protection : Protective clothing (e.g. safety shoes, long-sleeved working clothing, long trousers)  
Follow AS 2210:3  
Protective clothing needs to be made of cotton.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : liquid
- Colour : colourless
- Odour : hydrocarbon-like
- Odour Threshold : No data available
- pH : Not applicable substance/mixture is non-soluble (in water)
- Melting point/range / Freezing point : No data available
- Boiling point/boiling range : > 70 °C (158 °F)
- Flash point : ca. -4 °C (25 °F)  
(Method: closed cup)
- Evaporation rate : No data available
- Flammability (solid, gas) : No data available
- Upper explosion limit / Upper flammability limit : 7 %(V)

# SAFETY DATA SHEET

## Sika® Aktivator PRO



Version  
3.0

Revision Date:  
04.05.2022

SDS Number:  
000000125402

Date of last issue: 16.11.2019  
Date of first issue: 04.12.2016

---

Lower explosion limit / Lower flammability limit	:	0.6 %(V)
Vapour pressure	:	60 hPa
Relative vapour density	:	No data available
Density	:	ca. 0.7 g/cm <sup>3</sup> (20 °C (68 °F))
Solubility(ies)		
Water solubility	:	insoluble
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	200 °C
Decomposition temperature	:	No data available
Viscosity		
Viscosity, dynamic	:	ca. 2 mPa.s (20 °C (68 °F))
Viscosity, kinematic	:	< 20.5 mm <sup>2</sup> /s ( 40 °C (104 °F))
Explosive properties	:	No data available
Oxidizing properties	:	No data available
Volatile organic compounds	:	Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 95% w/w

---

### SECTION 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	:	Stable under recommended storage conditions. Vapours may form explosive mixture with air.
Conditions to avoid	:	Heat, flames and sparks.
Incompatible materials	:	Strong oxidizing agents
Hazardous decomposition products	:	methanol

# SAFETY DATA SHEET

## Sika® Aktivator PRO



Version  
3.0

Revision Date:  
04.05.2022

SDS Number:  
000000125402

Date of last issue: 16.11.2019  
Date of first issue: 04.12.2016

---

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Components:

##### **bis(trimethoxysilylpropyl)amine:**

Acute oral toxicity : LD50 Oral (Rat): 3,780 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): 11,865 mg/kg

##### **3-trimethoxysilylpropane-1-thiol:**

Acute oral toxicity : LD50 Oral (Rat): 1,701 mg/kg

Acute dermal toxicity : LD50 Dermal (Rat): 2,583 mg/kg

#### **Skin corrosion/irritation**

Causes skin irritation.

#### **Serious eye damage/eye irritation**

Causes serious eye damage.

#### **Respiratory or skin sensitisation**

##### **Skin sensitisation**

Not classified based on available information.

##### **Respiratory sensitisation**

Not classified based on available information.

#### **Chronic toxicity**

##### **Germ cell mutagenicity**

Not classified based on available information.

##### **Carcinogenicity**

Not classified based on available information.

##### **Reproductive toxicity**

Not classified based on available information.

##### **STOT - single exposure**

May cause drowsiness or dizziness.

##### **STOT - repeated exposure**

Not classified based on available information.

##### **Aspiration toxicity**

May be fatal if swallowed and enters airways.



# SAFETY DATA SHEET

## Sika® Aktivator PRO



Version  
3.0

Revision Date:  
04.05.2022

SDS Number:  
000000125402

Date of last issue: 16.11.2019  
Date of first issue: 04.12.2016

---

### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

##### Components:

##### **bis(trimethoxysilylpropyl)amine:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 130 mg/l  
Exposure time: 96 h

NOEC (Oncorhynchus mykiss (rainbow trout)): 100 mg/l

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 100 mg/l  
aquatic invertebrates Exposure time: 48 h

Toxicity to algae/aquatic : EC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l  
plants Exposure time: 72 h

##### **3-trimethoxysilylpropane-1-thiol:**

Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 12.3 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia (water flea)): 6.7 mg/l  
aquatic invertebrates Exposure time: 48 h

#### **Persistence and degradability**

No data available

#### **Bioaccumulative potential**

No data available

#### **Mobility in soil**

No data available

#### **Other adverse effects**

##### Product:

Additional ecological infor- : An environmental hazard cannot be excluded in the event of  
mation unprofessional handling or disposal.  
Toxic to aquatic life with long lasting effects.

---

### SECTION 13. DISPOSAL CONSIDERATIONS

#### **Disposal methods**

Waste from residues : The product should not be allowed to enter drains, water  
courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemi-  
cal or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.

# SAFETY DATA SHEET

## Sika® Aktivator PRO



Version 3.0	Revision Date: 04.05.2022	SDS Number: 000000125402	Date of last issue: 16.11.2019 Date of first issue: 04.12.2016
----------------	------------------------------	-----------------------------	---

Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

If potential for exposure exists refer to Section 8 for specific personal protective equipment.

---

### SECTION 14. TRANSPORT INFORMATION

#### International Regulations

##### IATA-DGR

UN/ID No. : UN 1866  
Proper shipping name : Resin solution  
Class : 3  
Packing group : II  
Labels : Flammable Liquids  
Packing instruction (cargo aircraft) : 364  
Packing instruction (passenger aircraft) : 353

##### IMDG-Code

UN number : UN 1866  
Proper shipping name : RESIN SOLUTION  
(n-heptane)  
Class : 3  
Packing group : II  
Labels : 3  
EmS Code : F-E, S-E  
Marine pollutant : yes

##### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

#### National Regulations

##### ADG

UN number : UN 1866  
Proper shipping name : RESIN SOLUTION  
Class : 3  
Packing group : II  
Labels : 3  
Hazchem Code : •3YE

#### Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

# SAFETY DATA SHEET

## Sika® Aktivator PRO



Version  
3.0

Revision Date:  
04.05.2022

SDS Number:  
000000125402

Date of last issue: 16.11.2019  
Date of first issue: 04.12.2016

### SECTION 15. REGULATORY INFORMATION

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

Standard for the Uniform Scheduling of Medicines and Poisons : No poison schedule number allocated

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors Prohibition/Licensing Requirements : Not applicable  
: There is no applicable prohibition, authorisation and restricted use requirements, including for carcinogens referred to in Schedule 10 of the model WHS Act and Regulations.

#### The components of this product are reported in the following inventories:

II AIC : On the inventory, or in compliance with the inventory

### SECTION 16. OTHER INFORMATION

Revision Date : 04.05.2022  
Date format : dd.mm.yyyy

#### Full text of other abbreviations

AU OEL : Australia. Workplace Exposure Standards for Airborne Contaminants.  
AU OEL / TWA : Exposure standard - time weighted average  
AU OEL / STEL : Exposure standard - short term exposure limit  
ADG : Australian Dangerous Goods Code.  
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 dose (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

# SAFETY DATA SHEET

## Sika® Aktivator PRO



Version  
3.0

Revision Date:  
04.05.2022

SDS Number:  
000000125402

Date of last issue: 16.11.2019  
Date of first issue: 04.12.2016

---

- 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

Safety Data Sheets are updated frequently. Please ensure that you have a current copy. SDS may be obtained from the following website: [aus.sika.com](http://aus.sika.com)

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.

||| Changes as compared to previous version !

AU / EN