according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

# Sika® Primer-518 PP



Revision Date: 20.08.2024 Version 1.0 Print Date 06.08.2025

Date of last issue: -

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : Sika® Primer-518 PP

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use : Primer

1.3 Details of the supplier of the safety data sheet

Company name of supplier : Sika Schweiz AG

Tüffenwies 16 8048 Zürich

Telephone : +41 58 436 40 40

Telefax :

E-mail address of person responsible for the SDS

rpc@ch.sika.com

1.4 Emergency telephone number

Tox Info Suisse CH-8028 Zurich

+41(0)44 251 51 51 / Speed calling: 145

## **SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 2 H225: Highly flammable liquid and vapour.

Skin irritation, Category 2 H315: Causes skin irritation.

Specific target organ toxicity - single ex- H336: May cause drowsiness or dizziness.

posure, Category 3, Central nervous

system

Aspiration hazard, Category 1 H304: May be fatal if swallowed and enters air-

wavs.

Long-term (chronic) aquatic hazard, Cat-H411: Toxic to aquatic life with long lasting effects.

egory 2

#### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :







Signal word : Danger

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

# Sika<sup>®</sup>

# Sika® Primer-518 PP

Revision Date: 20.08.2024 Version 1.0 Print Date 06.08.2025 Date of last issue: -

Hazard statements : H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements : Prevention:

P210 Keep away from heat, hot surfaces, sparks,

open flames and other ignition sources. No

smoking.

P273 Avoid release to the environment.

Response:

P301 + P310 IF SWALLOWED: Immediately call a

POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P370 + P378 In case of fire: Use dry sand, dry chemical or

alcohol-resistant foam to extinguish.

P391 Collect spillage.

## Hazardous components which must be listed on the label:

methylcyclohexane

#### **Additional Labelling**

EUH205 Contains epoxy constituents. May produce an allergic reaction.

#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

# Sika® Primer-518 PP



Date of last issue: -

## **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures

Components

Chemical name	CAS-No. EC-No.	Classification	Concentration (% w/w)
	Registration number		
methylcyclohexane	108-87-2 203-624-3 01-2119556887-18- XXXX	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Chronic 2; H411	>=80
p-tert-butylphenyl 1-(2,3- epoxy)propyl ether	3101-60-8 221-453-2 01-2119959496-20- XXXX	Skin Sens. 1; H317 Aquatic Chronic 2; H411	>= 0,1 - < 0,25

For explanation of abbreviations see section 16.

#### **SECTION 4: First aid measures**

## 4.1 Description of 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 : Remove contact lenses.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

If swallowed : Do not induce vomiting without medical advice.

Rinse mouth with water.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

## 4.2 Most important symptoms and effects, both acute and delayed

Symptoms : Aspiration may cause pulmonary oedema and pneumonitis.

Erythema
Dermatitis
Loss of balance

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

## Sika® Primer-518 PP



Revision Date: 20.08.2024 Version 1.0 Print Date 06.08.2025

Date of last issue: -

Vertigo

See Section 11 for more detailed information on health effects

and symptoms.

Risks May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause drowsiness or dizziness.

Risk of serious damage to the lungs (by aspiration).

irritant effects

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

## **SECTION 5: Firefighting measures**

5.1 Extinguishing media

Suitable extinguishing media Alcohol-resistant foam

Carbon dioxide (CO2)

Dry chemical

Unsuitable extinguishing

media

Water

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-

fighting

Do not allow run-off from fire fighting to enter drains or water

courses.

ucts

Hazardous combustion prod- : No hazardous combustion products are known

5.3 Advice for firefighters

for firefighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus.

Further information 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.

#### **SECTION 6: Accidental release measures**

## 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment.

Remove all sources of ignition.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

## Sika® Primer-518 PP



Date of last issue: -

Deny access to unprotected persons.

Beware of vapours accumulating to form explosive concentra-

tions. Vapours can accumulate in low areas.

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.

If the product contaminates rivers and lakes or drains inform

respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Contain spillage, and then collect with non-combustible ab-

sorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local

/ national regulations (see section 13).

6.4 Reference to other sections

For personal protection see section 8.

**SECTION 7: Handling and storage** 

7.1 Precautions for safe handling

Advice on safe handling : 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 ap-

plication 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

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.

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.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

Store in cool place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store

in accordance with local regulations.

Further information on stor- : No decomposition if stored and applied as directed.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

## Sika® Primer-518 PP



Revision Date: 20.08.2024 Version 1.0 Print Date 06.08.2025

Date of last issue: -

age stability

7.3 Specific end use(s)

Specific use(s) : Consult most current local Product Data Sheet prior to any

use.

## **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

#### **Occupational Exposure Limits**

Components	CAS-No.	Value type (Form	Control parame-	Basis *	
		of exposure)	ters *		
methylcyclohexane	108-87-2	TWA	400 ppm	CH SUVA	
			1.600 mg/m3		
	Further information: National Institute for Occupational Safety and				
	Health, Institut National de Recherche et de Sécurité pour la pré-				
	vention des accidents du travail et des maladies professionnelles				
		STEL	800 ppm	CH SUVA	
			3.200 mg/m3		

<sup>\*</sup>The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

#### 8.2 Exposure controls

#### **Engineering measures**

Maintain air concentrations below occupational exposure standards.

Ensure adequate ventilation, especially in confined areas.

### Personal protective equipment

Eye/face protection : Safety glasses with side-shields conforming to EN166

Eye wash bottle with pure water

Hand protection : Chemical-resistant, impervious gloves complying with an ap-

proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu-

facturer specifications.

Suitable for short time use or protection against splashes:

Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed.

Suitable for permanent exposure:

Viton gloves (0.4 mm), breakthrough time >30 min.

Skin and body protection : Protective clothing (e.g. Safety shoes acc. to EN ISO 20345,

long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionaly recommended for mixing

and stirring work.

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 work-

ing limits of the selected respirator.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

## Sika® Primer-518 PP



Date of last issue: -

organic vapor (Type A) and particulate filter

A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm P1: Inert material; P2, P3: hazardous substances

Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficent to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

## **Environmental exposure controls**

General advice Prevent product from entering drains.

If the product contaminates rivers and lakes or drains inform

respective authorities.

## **SECTION 9: Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

Physical state liquid Colour colourless Odour solvent-like

Melting point/ range / Freez-

ing point

No data available

Boiling point/boiling range No data available

Flammability (solid, gas) No data available

## Upper/lower flammability or explosive limits

Upper explosion limit / Up- : 7 %(V)

per flammability limit

Lower explosion limit /

Lower flammability limit

: 1 %(V)

Flash point ca. -6 °C

Method: closed cup

Auto-ignition temperature No data available

Decomposition temperature No data available

Not applicable pН

substance/mixture is non-soluble (in water)

Viscosity

Viscosity, dynamic ca. 50 mPa.s (20 °C)

Viscosity, kinematic No data available

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

# Sika® Primer-518 PP



Date of last issue: -

Solubility(ies)

Water solubility : No data available

Partition coefficient: n-

octanol/water

No data available

Vapour pressure : No data available

Density : ca. 0,8 g/cm3 (20 °C)

Relative vapour density : No data available

Particle characteristics : No data available

9.2 Other information

No data available

## **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

#### 10.2 Chemical stability

The product is chemically stable.

## 10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.

Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid : Oxidizing agents

10.6 Hazardous decomposition products

:

No hazardous decomposition products are known.



according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

# Sika® Primer-518 PP



Revision Date: 20.08.2024 Version 1.0 Print Date 06.08.2025

Date of last issue: -

## **SECTION 11: Toxicological information**

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

## **Acute toxicity**

Not classified due to lack of data.

#### **Components:**

## p-tert-butylphenyl 1-(2,3-epoxy)propyl ether:

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

Acute inhalation toxicity : LC50 (Rat): 3.466 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Acute dermal toxicity : LD50 Dermal (Rabbit): 6.000 mg/kg

#### Skin corrosion/irritation

Causes skin irritation.

## Serious eye damage/eye irritation

Not classified due to lack of data.

## Respiratory or skin sensitisation

#### Skin sensitisation

Not classified due to lack of data.

#### Respiratory sensitisation

Not classified due to lack of data.

#### Germ cell mutagenicity

Not classified due to lack of data.

### Carcinogenicity

Not classified due to lack of data.

## Reproductive toxicity

Not classified due to lack of data.

#### STOT - single exposure

May cause drowsiness or dizziness.

## STOT - repeated exposure

Not classified due to lack of data.

#### **Aspiration toxicity**

May be fatal if swallowed and enters airways.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

# Sika® Primer-518 PP

Revision Date: 20.08.2024



Date of last issue: -

#### 11.2 Information on other hazards

#### **Endocrine disrupting properties**

#### **Product:**

Assessment : The substance/mixture does not contain components consid-

ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at

levels of 0.1% or higher.

## **SECTION 12: Ecological information**

## 12.1 Toxicity

No data available

## 12.2 Persistence and degradability

No data available

#### 12.3 Bioaccumulative potential

No data available

#### 12.4 Mobility in soil

No data available

#### 12.5 Results of PBT and vPvB assessment

#### **Product:**

Assessment : This substance/mixture contains no components considered

to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of

0.1% or higher...

#### 12.6 Endocrine disrupting properties

#### **Product:**

Assessment : The substance/mixture does not contain components consid-

ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at

levels of 0.1% or higher.

#### 12.7 Other adverse effects

## **Product:**

Additional ecological infor-

mation

: An environmental hazard cannot be excluded in the event of

unprofessional handling or disposal.

Toxic to aquatic life with long lasting effects.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

# Sika® Primer-518 PP



Date of last issue: -

## **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Product : The generation of waste should be avoided or minimized

wherever possible.

Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe

way.

Dispose of surplus and non-recyclable products via a licensed

waste disposal contractor.

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional

local authority requirements.

Avoid dispersal of spilled material and runoff and contact with

soil, waterways, drains and sewers.

Waste code Switzerland

VeVA/LVA

: 08 04 09 [S] waste adhesives and sealants containing organic

solvents or other dangerous substances

## **SECTION 14: Transport information**

#### 14.1 UN number or ID number

 ADR
 : UN 2296

 IMDG
 : UN 2296

 IATA
 : UN 2296

14.2 UN proper shipping name

ADR : METHYLCYCLOHEXANE, SOLUTION IMDG : METHYLCYCLOHEXANE, SOLUTION

IATA : Methylcyclohexane, solution

14.3 Transport hazard class(es)

Class Subsidiary risks

 ADR
 : 3

 IMDG
 : 3

 IATA
 : 3

### 14.4 Packing group

**ADR** 

Packing group : II
Classification Code : F1
Hazard Identification Number : 33

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

# Sika® Primer-518 PP

Revision Date: 20.08.2024



Date of last issue: -

Labels : 3
Tunnel restriction code : (D/E)

**IMDG** 

Packing group : II Labels : 3

EmS Code : F-E, <u>S-D</u>

IATA (Cargo)

Packing instruction (cargo : 364

aircraft)

Packing instruction (LQ) : Y341
Packing group : II

Labels : Flammable Liquids

IATA (Passenger)

Packing instruction (passen: 353

ger aircraft)

Packing instruction (LQ) : Y341
Packing group : II

Labels : Flammable Liquids

14.5 Environmental hazards

**ADR** 

Environmentally hazardous : yes

**IMDG** 

Marine pollutant : yes

IATA (Passenger)

Environmentally hazardous : yes

IATA (Cargo)

Environmentally hazardous : yes

14.6 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.

#### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

## **SECTION 15: Regulatory information**

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

International Chemical Weapons Convention (CWC) : Not applicable

Schedules of Toxic Chemicals and Precursors

REACH Information: All substances contained in our Products are

- registered by our upstream suppliers, and/or

- registered by us, and/or

- excluded from the regulation, and/or



according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

## Sika® Primer-518 PP



Date of last issue: -

- exempted from the registration.

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances,

mixtures and articles (Annex XVII)

Conditions of restriction for the following entries should be considered:

Number on list 3

Number on list 75:

REACH - Candidate List of Substances of Very High

Concern for Authorisation (Article 59).

: None of the components are listed

(=> 0.1 %).

REACH - List of substances subject to authorisation

(Annex XIV)

: Not applicable

Regulation (EC) on substances that deplete the ozone

layer

Not applicable

Regulation (EU) 2019/1021 on persistent organic pollu-

tants (recast)

Not applicable

Not applicable

PIC Ordinance, ChemPICO (814.82)

Ordinance on Protection against Major Accidents

Threshold quantity according to Major Accidents Ordi-

nance (MAO 814.012)

20.000 kg

Chemical Risk Reduction Ordinance

(ORRChem, SR 814.81)

: Conditions of restriction for the following annexes

should be considered:

Annex 1.11 Dangerous liquid substances

chloroform: Annex 1.3 Chlorinated aliphatic hydrocarbons, Annex 2.1 and 2.2 Laundry detergents, cleaning

and deodorising products

Waters Protection Ordinance (WPO 814.201)

Water pollution class : obviously hazardous to water

Classification according to AwSV, Annex 1 (5.2)

Volatile organic compounds : Law on the incentive tax for volatile organic compounds

(VOCV)

Volatile organic compounds (VOC) content: 94,86% w/w

Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 94,86% w/w

#### Other regulations:

Article 13 Maternity ordinance (SR 822.111.52): Expectant and nursing mothers are only permitted to come into contact with this product during the course of their work if, based on a risk assessment carried out in accordance with Article 63 of Ordinance 1 on the Employment Act (ArGV 1) (SR 822.111), the chemicals in question have been found not to cause any specific harm to mothers or children or if such harm can be ruled out by taking appropriate protective

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

## Sika® Primer-518 PP



Revision Date: 20.08.2024 Version 1.0 Print Date 06.08.2025

Date of last issue: -

#### measures.

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

Young people undergoing basic vocational training may only work with this product if the relevant training ordinance makes provision for them to do so with a view to enabling them to achieve their training objectives and if the preconditions for the training plan have been met and the applicable age restrictions have been complied with. Young people who are not completing any basic vocational training are not permitted to work with this product. Employees of either sex who are under 18 years old are classed as young people.

## 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

#### **SECTION 16: Other information**

#### **Full text of H-Statements**

H225 : Highly flammable liquid and vapour.

H304 : May be fatal if swallowed and enters airways.

H315 : Causes skin irritation.

H317 : May cause an allergic skin reaction. H336 : May cause drowsiness or dizziness.

H411 : Toxic to aquatic life with long lasting effects.

#### Full text of other abbreviations

Aquatic Chronic : Long-term (chronic) aquatic hazard

Asp. Tox. : Aspiration hazard Flam. Liq. : Flammable liquids Skin Irrit. : Skin irritation Skin Sens. : Skin sensitisation

STOT SE : Specific target organ toxicity - single exposure CH SUVA : Switzerland. Limit values at the work place

CH SUVA / TWA : Time Weighted Average CH SUVA / STEL : Short Term Exposure Limit

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 dosis (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

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

# Sika<sup>®</sup>

# Sika® Primer-518 PP

Revision Date: 20.08.2024 Version 1.0 Print Date 06.08.2025

Date of last issue: -

Ships, 1973 as modified by the Protocol of 1978

OEL : Occupational Exposure Limit

PBT : Persistent, bioaccumulative and toxic PNEC : Predicted no effect concentration

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

#### **Further information**

# Classification of the mixture: Classification procedure:

Flam. Liq. 2 H225 Based on product data or assessment Skin Irrit. 2 H315 Calculation method

STOT SE 3 H336 Calculation method
Asp. Tox. 1 H304 Calculation method
Aquatic Chronic 2 H411 Calculation method

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!

CH / EN