

# SAFETY DATA SHEET

## Sika® Primer-3 N



Version 2.1

SDS Number: 000000120488

Revision Date: 21.02.2019

### SECTION 1: Identification of the hazardous chemical and of the supplier

Product name : Sika® Primer-3 N  
Product code : 000000120488  
Type of product : liquid

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

Product use : Pretreatment agent, Primer

#### Manufacturer or supplier's details

Company : Sika Kimia Sdn. Bhd.  
Lot 689 Nilai Industrial Estate  
71800 Nilai  
Telephone : +60 6799 1762  
Telefax : +60 6799 1980  
E-mail address : EHS@my.sika.com  
Emergency telephone number : -  
Contact point :

### SECTION 2: Hazards identification

#### Classification of the hazardous chemical

Flammable liquids : Category 2  
Serious eye damage/eye irritation : Category 2  
Specific target organ toxicity - single exposure : Category 3 (Central nervous system)

#### Label elements

Hazard pictograms : 

Signal word : Danger

Hazard statements : H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

Precautionary statements : **Prevention:**  
P210 Keep away from heat/sparks/open flames/hot surfaces.  
No smoking.  
P233 Keep container tightly closed.  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

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P280 Wear protective gloves/ eye protection/ face protection.

**Response:**

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

**Other hazards which do not result in classification**

None known.

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### SECTION 3: Composition and information of the ingredients of the hazardous chemical

Substance / Mixture : Mixture

**Hazardous components**

Chemical name	CAS-No.	Concentration (%)
ethyl acetate	141-78-6	>= 30 - < 60
xylene	1330-20-7	>= 5 - < 10
propan-2-ol	67-63-0	>= 5 - < 10
ethylbenzene	100-41-4	>= 1 - < 3
dibutyltin dilaurate	77-58-7	< 1

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### 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 : Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.
- Most important symptoms and effects, both acute and delayed : irritant effects  
Excessive lachrymation  
Loss of balance  
Vertigo  
See Section 11 for more detailed information on health effects and symptoms.  
Causes serious eye irritation.  
May cause drowsiness or dizziness.

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Notes to physician : Treat symptomatically.

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### SECTION 5: Firefighting measures

#### Extinguishing media

Suitable extinguishing media : Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

Unsuitable extinguishing media : Water

#### Physicochemical hazards arising from the chemical

Hazardous combustion products : No hazardous combustion products are known

#### Special protective equipment and precautions for fire-fighters

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

Specific extinguishing methods : Use water spray to cool unopened containers.

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### 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).

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### SECTION 7: Handling and storage

#### Handling

##### Precautions for safe handling

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.

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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

### Storage

#### Conditions for safe storage, including any incompatibilities

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 and personal protection

### Control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
ethyl acetate	141-78-6	TWA	400 ppm 1,440 mg/m <sup>3</sup>	MY PEL
xylene	1330-20-7	TWA	100 ppm 434 mg/m <sup>3</sup>	MY PEL
		TWA	100 ppm	ACGIH
		STEL	150 ppm	ACGIH
propan-2-ol	67-63-0	TWA	400 ppm 983 mg/m <sup>3</sup>	MY PEL
ethylbenzene	100-41-4	TWA	100 ppm 434 mg/m <sup>3</sup>	MY PEL

### Individual protection measures, such as personal protective equipment

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

Skin protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

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

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necessary.

- 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.
- 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.

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### SECTION 9: Physical and chemical properties

- Appearance : liquid
- Colour : colourless
- Odour : very faint
- Odour Threshold : No data available
- pH : No data available
- Melting point/range / Freezing point : No data available
- Boiling point/boiling range : No data available
- Flash point : ca. -4 °C (25 °F)  
Method: closed cup
- Evaporation rate : No data available
- Flammability : No data available
- Upper explosion limit : 7 %(V)
- Lower explosion limit : 1 %(V)
- Vapour pressure : 99.9915 hPa (75.000 mmHg)
- Relative vapour density : No data available
- Density : ca. 0.98 g/cm<sup>3</sup> (20 °C (68 °F) ())
- Solubility(ies)  
Water solubility : No data available

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Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	
Viscosity, dynamic	: ca. 10 mPa.s (20 °C)
Viscosity, kinematic	: < 20.5 mm <sup>2</sup> /s (40 °C)
Explosive properties	: No data available
Molecular weight	: No data available

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### 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	: No data available
No decomposition if stored and applied as directed.	

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### SECTION 11: Toxicological information

Information on likely routes of exposure : None known.

#### Acute toxicity

Not classified based on available information.

#### Components:

##### **ethyl acetate:**

Acute oral toxicity	: LD50 Oral (Rat): > 5,000 mg/kg
Acute inhalation toxicity	: LC50 (Rat): ca. 1,600 mg/l Exposure time: 4 h Test atmosphere: vapour
Acute dermal toxicity	: LD50 Dermal (Rabbit): > 5,000 mg/kg

##### **xylene:**

Acute oral toxicity	: LD50 Oral (Rat): 3,523 mg/kg
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Acute dermal toxicity : LD50 Dermal (Rabbit): 1,700 mg/kg

### **propan-2-ol:**

Acute oral toxicity : LD50 Oral (Rat): < 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 20 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour

Acute dermal toxicity : LD50 Dermal (Rabbit): > 5,000 mg/kg

### **ethylbenzene:**

Acute oral toxicity : LD50 Oral (Rat): 3,500 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): 5,510 mg/kg

### **dibutyltin dilaurate:**

Acute oral toxicity : LD50 Oral (Rat): 2,071 mg/kg

### **Skin corrosion/irritation**

Not classified based on available information.

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

Causes serious eye irritation.

### **Respiratory or skin sensitisation**

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

### **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**

Not classified based on available information.

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## SECTION 12: Ecological information

### **Ecotoxicity**

#### **Components:**

#### **xylene:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 3.3 mg/l  
Exposure time: 96 h

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### **dibutyltin dilaurate:**

Toxicity to fish : LC50 (Fish): 3.1 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia (water flea)): 1 mg/l  
aquatic invertebrates Exposure time: 48 h

Toxicity to algae : EC50 (Selenastrum capricornutum (green algae)): 1 - 10 mg/l  
Exposure time: 72 h

### **Persistence and degradability**

No data available

### **Bioaccumulative potential**

No data available

### **Mobility in soil**

No data available

### **Other adverse effects**

### **Product:**

Additional ecological : There is no data available for this product.  
information

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## **SECTION 13: Disposal information**

### **Disposal methods**

Waste from residues : Do not contaminate ponds, waterways or ditches with  
chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

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## **SECTION 14: Transport information**

### **International Regulations**

#### **UNRTDG**

UN number : UN 1866  
Proper shipping name : RESIN SOLUTION  
Class : 3  
Packing group : II  
Labels : 3

#### **IATA-DGR**

UN/ID No. : UN 1866  
Proper shipping name : Resin solution  
Class : 3



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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

Class : 3  
Packing group : II  
Labels : 3  
EmS Code : F-E, S-E  
Marine pollutant : no

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

Not applicable for product as supplied.

### 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.

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## SECTION 15: Regulatory information

### Safety, health, and environmental regulations specific for the hazardous chemical

Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013.

Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000.

International Chemical Weapons Convention (CWC) : Not applicable  
Schedules of Toxic Chemicals and Precursors

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## SECTION 16: Other information

Date format : dd.mm.yyyy

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 !