SAFETY DATA SHEET

Sika® Primer-3 N

Version 1.0

1. PRODUCT AND COMPANY IDENTIFICATION

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 (SINGAPORE) PTE LTD.
66A Sungei Kadut Street 1
#04-00
Singapore 729368

Telephone: +65 6777 2811
Telefax: +65 6779 6200
E-mail address: -
Emergency telephone number: -

2. HAZARDS IDENTIFICATION

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

GHS 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.
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.
P280 Wear protective gloves/ eye protection/ face protection.

**Response:**
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor 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.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

**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.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Hazardous components**

<table>
<thead>
<tr>
<th>Substance / Mixture</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical name</td>
<td>CAS-No.</td>
</tr>
<tr>
<td>ethyl acetate</td>
<td>141-78-6</td>
</tr>
<tr>
<td>xylene</td>
<td>1330-20-7</td>
</tr>
<tr>
<td>isopropanol</td>
<td>67-63-0</td>
</tr>
<tr>
<td>ethylbenzene</td>
<td>100-41-4</td>
</tr>
<tr>
<td>methanol</td>
<td>67-56-1</td>
</tr>
<tr>
<td>dibutyltin dilaurate</td>
<td>77-58-7</td>
</tr>
</tbody>
</table>

### 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.

Notes to physician: Treat symptomatically.

5. FIREFIGHTING MEASURES

Suitable extinguishing media: Alcohol-resistant foam
- Carbon dioxide (CO2)
- Dry chemical

Unsuitable extinguishing media: Water

Hazardous combustion products: No hazardous combustion products are known

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

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

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).

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.

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.

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethyl acetate</td>
<td>141-78-6</td>
<td>PEL (long term)</td>
<td>400 ppm 1,440 mg/m³</td>
<td>SG OEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>400 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td>xylene</td>
<td>1330-20-7</td>
<td>PEL (long term)</td>
<td>100 ppm 434 mg/m³</td>
<td>SG OEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PEL (short term)</td>
<td>150 ppm 651 mg/m³</td>
<td>SG OEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>100 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>150 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td>isopropanol</td>
<td>67-63-0</td>
<td>PEL (long term)</td>
<td>400 ppm 983 mg/m³</td>
<td>SG OEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PEL (short term)</td>
<td>500 ppm</td>
<td>SG OEL</td>
</tr>
</tbody>
</table>
term) 1,230 mg/m³
TWA 200 ppm ACGIH
STEL 400 ppm ACGIH

ethylbenzene 100-41-4
PEL (long term) 100 ppm 434 mg/m³ SG OEL
PEL (short term) 125 ppm 543 mg/m³ SG OEL
TWA 20 ppm ACGIH
STEL 125 ppm SG OEL

methanol 67-56-1
PEL (long term) 200 ppm 262 mg/m³ SG OEL
PEL (short term) 250 ppm 328 mg/m³ SG OEL
TWA 200 ppm ACGIH
STEL 250 ppm ACGIH

dibutyltin dilaurate 77-58-7
TWA 0.1 mg/m³ (Tin) ACGIH
STEL 0.2 mg/m³ (Tin) ACGIH

Personal protective equipment
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.

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.

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

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

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid
Colour : colourless
Odour : very faint
SDS Number: 000000120488
Revision Date: 12.05.2017

10. STABILITY AND REACTIVITY

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

Chemical stability : The product is chemically stable.
11. TOXICOLOGICAL INFORMATION

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
Acute dermal toxicity : LD50 Dermal (Rabbit): 1,700 mg/kg

ethylbenzene:
Acute oral toxicity : LD50 Oral (Rat): 3,500 mg/kg
Acute dermal toxicity : LD50 Dermal (Rabbit): 5,510 mg/kg

methanol:
Acute oral toxicity : Acute toxicity estimate: 100 mg/kg
  Method: Converted acute toxicity point estimate
Acute inhalation toxicity : Acute toxicity estimate: 3 mg/l
  Exposure time: 4 h
  Test atmosphere: vapour
  Method: Converted acute toxicity point estimate
Acute dermal toxicity : Acute toxicity estimate: 300 mg/kg
  Method: Converted acute toxicity point estimate

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.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

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

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

Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia (water flea)): 1 mg/l
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 information: There is no data available for this product.
13. DISPOSAL CONSIDERATIONS

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.

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
Packing group : II
Labels : 3
Packing instruction (cargo aircraft) : 364
Packing instruction (passen- ger 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.
15. REGULATORY INFORMATION

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

Workplace Safety and Health Act and Workplace Safety and Health (General Provisions) Regulations: This product is subjected to the SDS, labelling, PEL and other requirements in the Act/Regulations.

Environmental Protection and Management Act and Environmental Protection and Management (Hazardous Substances) Regulations: Not applicable

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.