SAFETY DATA SHEET
Sika Primer 210

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Sika Primer 210

Product code : 000000035557

Type of product : liquid

Recommended use of the chemical and restrictions on use

Product use : Pretreatment agent

Manufacturer or supplier’s details

Company : Sika Australia Pty. Ltd.

Address : Elizabeth Street 55
Wetherill Park NSW 2164

Telephone : +61297251145

Emergency telephone number : + 61 1800 033 111

Telefax : +61297253330

E-mail address : EHS@au.sika.com

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquids : Category 2

Serious eye damage/eye irritation : Category 2A

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): 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 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 for extinction. 

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

<table>
<thead>
<tr>
<th>Substance / Mixture</th>
<th>Mixture</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>CAS-No.</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethyl acetate</td>
<td>141-78-6</td>
<td>&gt;= 30 - &lt; 60</td>
</tr>
<tr>
<td>xylene</td>
<td>1330-20-7</td>
<td>&lt; 10</td>
</tr>
<tr>
<td>ethylbenzene</td>
<td>100-41-4</td>
<td>&lt; 10</td>
</tr>
<tr>
<td>dibutyltin dilaurate</td>
<td>77-58-7</td>
<td>&lt; 10</td>
</tr>
</tbody>
</table>

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.

**Notes to physician**
- Treat symptomatically.

### SECTION 5. FIREFIGHTING MEASURES

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

**Unsuitable extinguishing media**
- Water
- High volume water jet

**Specific hazards during firefighting**
- Do not use a solid water stream as it may scatter and spread fire.

**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.

### 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.

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

<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>STEL</td>
<td>400 ppm 1,440 mg/m3</td>
<td>AU OEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>200 ppm 720 mg/m3</td>
<td>AU OEL</td>
</tr>
<tr>
<td>xylene</td>
<td>1330-20-7</td>
<td>STEL</td>
<td>150 ppm</td>
<td>AU OEL</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET

Sika Primer 210

Version 1.0

SDS Number: 000000035557
Revision Date: 06.07.2016

<table>
<thead>
<tr>
<th></th>
<th>TWA</th>
<th>655 mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethylbenzene</td>
<td>100 ppm 350 mg/m³</td>
<td>AU OEL</td>
</tr>
</tbody>
</table>

|                    | STEL           | 350 mg/m³ | AU OEL |
|--------------------|----------------|-----------|
| ethylbenzene       | 125 ppm 543 mg/m³ | AU OEL |

|                    | TWA            | 434 mg/m³ | AU OEL |
|--------------------|----------------|-----------|
| ethylbenzene       | 0.1 mg/m³ (Tin) | ACGIH    |

|                    | STEL           | 543 mg/m³ | AU OEL |
|--------------------|----------------|-----------|
| ethylbenzene       | 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 workplace.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- **Appearance**
  - liquid

- **Colour**
  - colourless

- **Odour**
  - hydrocarbon-like

- **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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper explosion limit</td>
<td>7 %(V)</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>1 %(V)</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>99.9915 hPa (75.000 mmHg)</td>
</tr>
<tr>
<td>Relative vapour density</td>
<td>No data available</td>
</tr>
<tr>
<td>Density</td>
<td>ca. 0.98 g/cm³ (20 °C (68 °F) ()</td>
</tr>
</tbody>
</table>

### Solubility

- **Water solubility**: insoluble
- **Partition coefficient: n-octanol/water**: No data available

### Toxicological Information

#### Acute toxicity

Not classified based on available information.

**Components:**

- ethyl acetate:

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### 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

**Hazardous decomposition products**: No decomposition if stored and applied as directed.
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

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.

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
Not classified based on available information.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:
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: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful 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 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.

SECTION 14. TRANSPORT INFORMATION

International Regulation

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 (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.

National Regulations

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

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 : Not applicable

Prohibition/Licensing Requirements : methanol
Refer to model WHS Act and Regulations for prohibition, authorisation and restricted use.

The components of this product are reported in the following inventories:
AICS : Not in compliance with the inventory

SECTION 16. OTHER INFORMATION

Date format : dd.mm.yyyy

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy. MSDS may be obtained from the following website: aus.sika.com

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