1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Sikafloor®-304 W/305 W Part B
Product code: 000000604186
Type of product: liquid

Recommended use of the chemical and restrictions on use
Product use: Flooring system, For professional users only.

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
Acute toxicity (Inhalation): Category 4
Serious eye damage/eye irritation: Category 1
Skin sensitisation: Category 1
Specific target organ toxicity - single exposure: Category 3 (Respiratory system)

GHS label elements
Hazard pictograms:

Signal word: Danger
Hazard statements:
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
Precautionary statements:

**Prevention:**
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/ eye protection/ face protection.

**Response:**
P302 + P352 IF ON SKIN: Wash with plenty of water.
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 + 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/doctor.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

**Storage:**
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
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

**Substance / Mixture:** Mixture

**Hazardous components**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hexamethylene-1,6-diisocyanate homopolymer</td>
<td>28182-81-2</td>
<td>&gt;= 90 - &lt;= 100</td>
</tr>
<tr>
<td>Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, phosphate</td>
<td>9046-01-9</td>
<td>&gt;= 1 - &lt; 10</td>
</tr>
<tr>
<td>cyclohexyldimethylamine</td>
<td>98-94-2</td>
<td>&gt;= 0.1 - &lt; 1</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: 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 give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
Obtain medical attention.

Most important symptoms and effects, both acute and delayed:
-irritant effects
-sensitising effects
-Cough
-Respiratory disorder
-Allergic reactions
-Excessive lachrymation
-Headache
See Section 11 for more detailed information on health effects and symptoms.
May cause an allergic skin reaction.
Causes serious eye damage.
Harmful if inhaled.
May cause respiratory irritation.

Notes to physician: Treat symptomatically.

5. FIREFIGHTING MEASURES

-Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

-Hazardous combustion products: No hazardous combustion products are known

-Specific extinguishing methods: Standard procedure for chemical fires.

-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.
Deny access to unprotected persons.

-Environmental precautions: Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up:
- Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
- Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Advice on protection against fire and explosion:
- Normal measures for preventive fire protection.

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.
- Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
- Smoking, eating and drinking should be prohibited in the application area.
- Provide sufficient air exchange and/or exhaust in work rooms.
- Follow standard hygiene measures when handling chemical products.

Conditions for safe storage:
- Store in original container.
- 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:
Contains no substances with occupational exposure limit values.

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: odourless

Odour Threshold: No data available

pH: Not applicable

Melting point/range / Freezing point: No data available

Boiling point/boiling range: > 150 °C (> 302 °F)

Flash point: 100 °C (212 °F)
  Method: closed cup

Evaporation rate: No data available

Flammability: No data available

Upper explosion limit: No data available

Lower explosion limit: No data available

Vapour pressure: 0.01 hPa (0.01 mmHg)

Relative vapour density: No data available

Density: ca. 1.13 g/cm³ (20 °C (68 °F) (l))

Solubility(ies)
  Water solubility: partly soluble

Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available
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Viscosity
  Viscosity, dynamic : No data available
  Viscosity, kinematic : > 7 mm²/s (40 °C)

Explosive properties : No data available

Molecular weight : No data available

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.

Conditions to avoid : No data available

Incompatible materials : No data available

No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

Acute toxicity
Harmful if inhaled.

Components:
Hexamethylene-1,6-diisocyanate homopolymer:
  Acute oral toxicity : LD50 Oral (Rat): > 2,500 mg/kg
  Acute inhalation toxicity : Acute toxicity estimate: 1.5 mg/l
  Test atmosphere: dust/mist
  Method: Expert judgement
  Acute dermal toxicity : LD50 Dermal (Rat): > 2,000 mg/kg

cyclohexyldimethylamine:
  Acute inhalation toxicity : LC50 (Rat): 4.45 mg/l
  Exposure time: 4 h
  Test atmosphere: vapour

Skin corrosion/irritation
Not classified based on available information.

Serious eye damage/eye irritation
Causes serious eye damage.

Respiratory or skin sensitisation
Skin sensitisation: May cause an allergic skin reaction.
Respiratory sensitisation: Not classified based on available information.
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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 respiratory irritation.

STOT - repeated exposure
Not classified based on available information.

Aspiration toxicity
Not classified based on available information.

12. ECOLOGICAL INFORMATION

Ecotoxicity
No data available

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.

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.

14. TRANSPORT INFORMATION

International Regulations
UNRTDG
Not dangerous goods
IATA-DGR
Not dangerous goods
IMDG-Code
Not dangerous goods

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.