1. PRODUCT AND COMPANY IDENTIFICATION

Product name : SikaTop® Seal-109 MY Part A
Product code : 000000606186
Type of product : liquid

Manufacturer or supplier's details
Company : SIKA (SINGAPORE) PTE LTD.
66A Sungei Kadut Street 1
Singapore 729368
Telephone : +65 63680883
Telefax : +65 6779 6200
E-mail address : -
Emergency telephone number : +65 63680883

2. HAZARDS IDENTIFICATION

GHS Classification
Not a hazardous substance or mixture.

GHS label elements
Not a hazardous substance or mixture.

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>Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil -unspecified</td>
<td>64742-52-5</td>
<td>&gt;= 0.1 - &lt; 1</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

General advice : No hazards which require special first aid measures.
If inhaled : Move to fresh air.
In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
In case of eye contact : Flush eyes with water as a precaution.
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.

Most important symptoms and effects, both acute and delayed:
- No known significant effects or hazards.
- See Section 11 for more detailed information on health effects and symptoms.

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: For personal protection see section 8.

Environmental precautions: No special environmental precautions required.

Methods and materials for containment and cleaning up:
- Wipe up with absorbent material (e.g. cloth, fleece).
- 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:
- For personal protection see section 8.
- No special handling advice required.
- Follow standard hygiene measures when handling chemical products.

Conditions for safe storage:
- Keep container tightly closed in a dry and well-ventilated place.
- Store in accordance with local regulations.

Materials to avoid: No special restrictions on storage with other products.
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 : When using do not eat or drink.
                 When using do not smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid
Colour : white
Odour : characteristic
Odour Threshold : No data available
pH : 6
Melting point/range / Freezing point : No data available
Boiling point/boiling range : No data available
Flash point : No data available
Evaporation rate : No data available
Flammability : No data available
Upper explosion limit: No data available
Lower explosion limit: No data available
Vapour pressure: 23 hPa (17 mmHg)
Relative vapour density: No data available
Density: 1.03 g/cm³ (20 °C (68 °F))

Solubility(ies)
Water solubility: No data available
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: 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: No hazards to be specially mentioned.
Conditions to avoid: No data available
Incompatible materials: No data available
No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION
Acute toxicity: Not classified based on available information.

Components:
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil - unspecified:
Acute oral toxicity: LD50 Oral (Rat): > 5,000 mg/kg
Acute inhalation toxicity  :  LC50 (Rat): > 5.53 mg/l  
               Exposure time: 4 h
               Test atmosphere: dust/mist

Acute dermal toxicity  :  LD50 Dermal (Rabbit): > 2,000 mg/kg

Skin corrosion/irritation
Not classified based on available information.

Serious eye damage/eye irritation
Not classified based on available information.

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
Not classified based on available information.

STOT - repeated exposure
Not classified based on available information.

Aspiration toxicity
Not classified based on available information.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil -unspecified:
Toxicity to fish  :  LC50 (Fish): > 100 mg/l  
               Exposure time: 96 h

Toxicity to algae  :  IC50 (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l  
               Exposure time: 48 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
Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

International Regulations

UNRTDG
Not regulated as a dangerous good

IATA-DGR
Not regulated as a dangerous good

IMDG-Code
Not regulated as a dangerous good

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.