

Version  
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02/12/2019SDS Number:  
000000604112**SECTION 1. IDENTIFICATION**

Product name : Sikafloor®-2002 Part A

**Manufacturer or supplier's details**Company name : 601, avenue Delmar  
Canada  
Pointe-Claire, QC H9R 4A9  
Sika Canada Inc.  
www.sika.ca

Telephone : (514) 697-2610 / 1 (800) 933-7452

Telefax : (514) 694-2792

Health and Safety Services's  
e-mail address : ehs@ca.sika.com

Emergency telephone : CANUTEC (collect) (613) 996-6666 (24 hours)

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

For further information, refer to product data sheet.

**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**Flammable liquids : Category 4  
Skin irritation : Category 2  
Eye irritation : Category 2A  
Skin sensitization : Sub-category 1A**GHS label elements**

Hazard pictograms :



Signal Word : Warning

Hazard Statements : H227 Combustible liquid.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.

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000000604112**Precautionary Statements****Prevention:**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

P264 Wash skin thoroughly after handling.

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.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

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

**Storage:**

P403 Store in a well-ventilated place.

P403 + P235 Store in a well-ventilated place. Keep cool.

**Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

**Other hazards**

None known.

**Supplemental information**

If product is in liquid or paste form, physical or health hazards listed related to dust are not considered significant. However, product may contain substances that could be potential hazards if caused to become airborne due to grinding, sanding or other abrasive processes.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS****Hazardous ingredients**

| Chemical name                                                     | CAS-No.    | Concentration (% w/w) |
|-------------------------------------------------------------------|------------|-----------------------|
| bisphenol-A-(epichlorhydrin) epoxy resin                          | 25068-38-6 | >= 80 - <= 100        |
| 1,3-bis(2,3-epoxypropoxy)-2,2-dimethylpropane                     | 17557-23-2 | >= 5 - < 10           |
| [[[(2-ethylhexyl)oxy]methyl]oxirane (2-ethylhexyl glycidyl ether) | 2461-15-6  | >= 1 - < 5            |

Actual concentration or concentration range is withheld as a trade secret

**SECTION 4. FIRST AID MEASURES****General advice**

: Move out of dangerous area.  
Consult a physician.  
Show this material safety data sheet to the doctor in attend-

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- ance.
- 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 induce vomiting without medical advice.  
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  
sensitizing effects  
Allergic reactions  
Excessive lachrymation  
Erythema  
Dermatitis  
See Section 11 for more detailed information on health effects and symptoms.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.
- Notes to physician : Treat symptomatically.
- 

### SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : Water
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.
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### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protec- : Use personal protective equipment.
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|                                                       |                                                                                                                                                               |
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| tive equipment and emergency procedures               | Deny access to unprotected persons.                                                                                                                           |
| Environmental precautions                             | : Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.                 |
| Methods and materials for containment and cleaning up | : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).<br>Keep in suitable, closed containers for disposal. |

## SECTION 7. HANDLING AND STORAGE

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Advice on protection against fire and explosion | : Normal measures for preventive fire protection.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Advice on safe handling                         | : Do not breathe vapors or spray mist.<br>Avoid exceeding the given occupational exposure limits (see section 8).<br>Do not get in eyes, on skin, or on clothing.<br>For personal protection see section 8.<br>Persons with a history of skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.<br>Smoking, eating and drinking should be prohibited in the application area.<br>Follow standard hygiene measures when handling chemical products. |
| Conditions for safe storage                     | : Store in original container.<br>Keep in a well-ventilated place.<br>Containers which are opened must be carefully resealed and kept upright to prevent leakage.<br>Observe label precautions.<br>Store in accordance with local regulations.                                                                                                                                                                                                                                                                                                                    |

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Engineering measures</b> | : Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.<br>The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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Respiratory protection : Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

Hand protection

Remarks : 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 : Avoid contact with skin, eyes and clothing.  
Wash hands before breaks and immediately after handling the product.  
Remove respiratory and skin/eye protection only after vapors have been cleared from the area.  
Remove contaminated clothing and protective equipment before entering eating areas.  
Wash thoroughly after handling.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : liquid

Color : milky

Odor : ether-like

Odor Threshold : No data available

pH : not determined

Melting point/range / Freezing point : No data available

Boiling point/boiling range : No data available

Flash point : > 82 °C (180 °F)  
Method: closed cup

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|                                        |                                  |
|----------------------------------------|----------------------------------|
| Evaporation rate                       | : No data available              |
| Flammability (solid, gas)              | : No data available              |
| Upper explosion limit                  | : No data available              |
| Lower explosion limit                  | : No data available              |
| Vapor pressure                         | : 0.001 hpa (0.001 mmHg)         |
| Relative vapor density                 | : No data available              |
| Density                                | : 1.141 g/ml (23 °C (73 °F) ( )) |
| Solubility(ies)                        |                                  |
| Water solubility                       | : insoluble                      |
| Partition coefficient: n-octanol/water | : No data available              |
| Autoignition temperature               | : No data available              |
| Decomposition temperature              | : No data available              |
| Viscosity                              |                                  |
| Viscosity, dynamic                     | : No data available              |
| Viscosity, kinematic                   | : not determined                 |
| 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.                |
| Conditions to avoid                                 | : Extremes of temperature and direct sunlight.                |
| Incompatible materials                              | : No data available                                           |
| No decomposition if stored and applied as directed. |                                                               |

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity



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Not classified based on available information.

**Components:**

**|| bisphenol-A-(epichlorhydrin) epoxy resin:**

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

Acute dermal toxicity : LD50 Dermal (Rabbit): > 20,000 mg/kg

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Respiratory or skin sensitization**

Skin sensitization: May cause an allergic skin reaction.

Respiratory sensitization: Not classified based on available information.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**IARC** Not applicable

**NTP** Not applicable

**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.

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**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

**Components:**

**|| bisphenol-A-(epichlorhydrin) epoxy resin:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 2 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 1.8 mg/l  
aquatic invertebrates Exposure time: 48 h

**Persistence and degradability**

No data available

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### **Bioaccumulative potential**

No data available

### **Mobility in soil**

No data available

### **Other adverse effects**

#### **Product:**

Additional ecological information : Do not empty into drains; dispose of this material and its container in a safe way.  
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
May be harmful to the environment if released in large quantities.  
Water polluting material.

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## **SECTION 13. DISPOSAL CONSIDERATIONS**

### **Disposal methods**

Waste from residues : Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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## **SECTION 14. TRANSPORT INFORMATION**

### **Domestic regulation**

#### **TDG (road/train)**

Not regulated as a dangerous good

#### **International Regulations**

#### **IATA-DGR**

UN/ID No. : UN 3082  
Proper shipping name : Environmentally hazardous substance, liquid, n.o.s. (epoxy resin)  
Class : 9  
Packing group : III  
Labels : Miscellaneous Dangerous Goods  
Packing instruction (cargo aircraft) : 964  
Packing instruction (passenger aircraft) : 964

#### **IMDG-Code**



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UN number : UN 3082  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S.  
(epoxy resin)  
Class : 9  
Packing group : III  
Labels : 9  
EmS Code : F-A, S-F  
Marine pollutant : yes

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

Not applicable for product as supplied.

### Domestic regulation

### 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

### Canadian lists

No substances are subject to a Significant New Activity Notification.

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## SECTION 16. OTHER INFORMATION

Revision Date : 02/12/2019  
Prepared by : R & D of Sika Canada Inc.

### Notice to Reader:

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### Full text of other abbreviations

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|        |                                                                                                                                                                                                                                      |
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| ADR    | Accord européen relatif au transport international des marchandises Dangereuses par Route                                                                                                                                            |
| CAS    | Chemical Abstracts Service                                                                                                                                                                                                           |
| DNEL   | Derived no-effect level                                                                                                                                                                                                              |
| EC50   | Half maximal effective concentration                                                                                                                                                                                                 |
| GHS    | Globally Harmonized System                                                                                                                                                                                                           |
| IATA   | International Air Transport Association                                                                                                                                                                                              |
| IMDG   | International Maritime Code for Dangerous Goods                                                                                                                                                                                      |
| LD50   | Median lethal dose (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)                                                                                                |
| LC50   | Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)                                                                                                 |
| MARPOL | International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978                                                                                                                        |
| OEL    | Occupational Exposure Limit                                                                                                                                                                                                          |
| PBT    | Persistent, bioaccumulative and toxic                                                                                                                                                                                                |
| PNEC   | Predicted no effect concentration                                                                                                                                                                                                    |
| REACH  | Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency |
| SVHC   | Substances of Very High Concern                                                                                                                                                                                                      |
| vPvB   | Very persistent and very bioaccumulative                                                                                                                                                                                             |

CA / Z8