1. Identification

Product name : Sikadur® CrackFix Part A

Supplier : Sika Corporation
201 Polito Avenue
Lyndhurst, NJ 07071
USA
www.sikausa.com

Telephone : (201) 933-8800
Telefax : (201) 804-1076
E-mail address : ehs@sika-corp.com

Emergency telephone : CHEMTREC: 800-424-9300
                     INTERNATIONAL: 703-527-3887

Recommended use of the chemical and restrictions on use : For further information, refer to product data sheet.

2. Hazards identification

GHS Classification

Skin irritation, Category 2 H315: Causes skin irritation.
Serious eye damage, Category 1 H318: Causes serious eye damage.
Skin sensitization, Category 1 H317: May cause an allergic skin reaction.
Reproductive toxicity, Category 2 H361: Suspected of damaging fertility or the unborn child.

GHS label elements

Signal Word : Danger

Hazard pictograms :

Precautionary Statements : Prevention:
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P264 Wash skin thoroughly after handling.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves/ eye protection/ face protection.
P281 Use personal protective equipment as required.

Response:
P302 + P352 IF ON SKIN: Wash with plenty of soap and 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.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P310 Immediately call a POISON CENTER/doctor.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.

Storage:
P405 Store locked up.

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

Warning : Reports have associated repeated and prolonged exposure to some of the chemicals in this product with permanent brain, liver, kidney and nervous system damage. Intentional misuse by deliberate concentration and inhalation of vapors may be harmful or fatal.

See Section 11 for more detailed information on health effects and symptoms.
There are no hazards not otherwise classified that have been identified during the classification process.
There are no ingredients with unknown acute toxicity used in a mixture at a concentration >= 1%.

3. Composition/information on ingredients

Hazardous ingredients

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>bisphenol-A-(epichlorhydrin) epoxy resin</td>
<td>25068-38-6</td>
<td>&gt;= 50 - &lt; 100 %</td>
</tr>
<tr>
<td>1,3-bis(2,3-epoxypropoxy)-2,2-dimethylpropane</td>
<td>17557-23-2</td>
<td>&gt;= 10 - &lt; 20 %</td>
</tr>
<tr>
<td>[[(2-ethylhexyl)oxy]methyl]oxirane (2-ethylhexyl glycidyl ether)</td>
<td>2461-15-6</td>
<td>&gt;= 2 - &lt; 5 %</td>
</tr>
<tr>
<td>Phenol, 4-nonyl, branched</td>
<td>84852-15-3</td>
<td>&gt;= 3 - &lt; 5 %</td>
</tr>
<tr>
<td>solvent naphtha (petroleum), heavy arom.</td>
<td>64742-94-5</td>
<td>&gt;= 2 - &lt; 5 %</td>
</tr>
</tbody>
</table>

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. First aid measures

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 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.

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

Notes to physician: Treat symptomatically.

5. Fire-fighting measures

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

Specific extinguishing methods: 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.
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.
  - 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).
  - Keep in suitable, closed containers for disposal.

7. Handling and storage

- **Advice on safe handling:**
  - Do not breathe vapors 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 sensitization 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.
  - Follow standard hygiene measures when handling chemical products.

- **Conditions for safe storage:**
  - Store in original container.
  - Keep container tightly closed in a dry and 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.

- **Materials to avoid:**
  - No data available

8. Exposure controls/personal protection

- **Contains no substances with occupational exposure limit values.**

- **Engineering measures:**
  - 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.

- **Personal protective equipment**
5 / 10

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>liquid</td>
</tr>
<tr>
<td>Color</td>
<td>clear straw-like</td>
</tr>
<tr>
<td>Odor</td>
<td>aromatic</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>ca. &gt; 212 °F (&gt; 100 °C)</td>
</tr>
<tr>
<td>Ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Lower explosion limit (Vol%)</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper explosion limit (Vol%)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
</tbody>
</table>
**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

Conditions to avoid : No data available

Incompatible materials : No data available

**11. Toxicological information**

**Acute toxicity**
Not classified based on available information.

**Ingredients:**

**bisphenol-A-(epichlorhydrin) epoxy resin:**
Acute oral toxicity : LD50 Oral (Rat): > 5,000 mg/kg
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Acute dermal toxicity: LD50 Dermal (Rabbit): > 20,000 mg/kg

Phenol, 4-nonyl, branched:
Acute dermal toxicity: LD50 Dermal (Rabbit): 3,160 mg/kg

Skin corrosion/irritation
Causes skin irritation.

Serious eye damage/eye irritation
Causes serious eye damage.

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.

Reproductive toxicity
Suspected of damaging fertility or the unborn child.

STOT-single exposure
Not classified based on available information.

STOT-repeated exposure
Reports have associated repeated and prolonged exposure to some of the chemicals in this product with permanent brain, liver, kidney and nervous system damage. Intentional misuse by deliberate concentration and inhalation of vapors may be harmful or fatal. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Aspiration toxicity
Not classified based on available information.

Carcinogenicity
Not classified based on available information.

IARC Not applicable

NTP Not applicable

12. Ecological information

Other 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.

Component:
bisphenol-A- 25068-38-6 Toxicity to fish:
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.

14. Transport information

**DOT**

- Not regulated

**IATA**

- **UN number**: 3082
- **Description of the goods**: Environmentally hazardous substance, liquid, n.o.s. (bisphenol-A-(epichlorhydrin) epoxy resin)
- **Class**: 9
- **Packing group**: III
- **Labels**: 9
- **Packing instruction (cargo aircraft)**: 964
- **Packing instruction (passenger aircraft)**: 964
- **Packing instruction (passenger aircraft)**: Y964

**IMDG**

- **UN number**: 3082
- **Description of the goods**: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bisphenol-A-(epichlorhydrin) epoxy resin)
- **Class**: 9
- **Packing group**: III
- **Labels**: 9
- **EmS Number 1**: F-A
- **EmS Number 2**: S-F
Marine pollutant: yes

IMDG: For Limited Quantity special provisions reference IMDG Code Chapter 3.4

Special precautions for use:
No data available

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable

15. Regulatory information

TSCA list
All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

EPCRA - Emergency Planning and Community Right-to-Know
CERCLA Reportable Quantity
This material does not contain any components with a CERCLA RQ.

SARA304 Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards
Acute Health Hazard
Chronic Health Hazard

SARA 302
This material does not contain any components with a section 302 EHS TPQ.

SARA 313
The following components are subject to reporting levels established by SARA Title III, Section 313:
Phenol, 4-nonyl, branched 84852-15-3 4.00 %

Clean Air Act
Ozone-Depletion Potential
This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

California Prop 65
⚠️WARNING: Cancer – www.P65Warnings.ca.gov
16. Other information

HMIS Classification

Caution: HMIS® rating is based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® rating is not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® rating is to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). Please note HMIS® attempts to convey full health warning information to all employees.

Notes to Reader
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Revision Date 03/14/2017

Material number: 183765