M A T E R I A L  S A F E T Y  D A T A  S H E E T

Sikaflex® 2C, NS & SL - Part B

1. Product And Company Identification

Supplier
Sika Corporation
201 Polito Ave
Lyndhurst, NJ  07071

Company Contact:  EHS Department
Telephone Number:  201-933-8800
FAX Number:  201-933-9379
Web Site:  www.sikausa.com

Manufacturer
Sika Corporation
201 Polito Ave
Lyndhurst, NJ  07071

Company Contact:  EHS Department
Telephone Number:  201-933-8800
FAX Number:  201-933-9379
Web Site:  www.sikausa.com

Supplier Emergency Contacts & Phone Number
CHEMTREC:  800-424-9300
INTERNATIONAL:  703-527-3887

Manufacturer Emergency Contacts & Phone Number
CHEMTREC:  800-424-9300
INTERNATIONAL:  703-527-3887

Issue Date:  07/21/2006

Product Name:  Sikaflex® 2C, NS & SL - Part B
CAS Number:  Not Established
Chemical Family:  Polyurethane
MSDS Number:  3705
Product Code:  0464140

2. Composition/Information On Ingredients

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
<th>Percent Of Total Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLYISOCYANATE PREPOLYMER</td>
<td>mixture</td>
<td></td>
</tr>
<tr>
<td>XYLENE (MIXED ISOMERS)</td>
<td>1330-20-7</td>
<td>5 - 10</td>
</tr>
</tbody>
</table>

3. Hazards Identification

Eye Hazards
Causes eye irritation.

Skin Hazards
May cause skin irritation. Prolonged and/or repeated skin contact may cause an allergic reaction/sensitization.

Ingestion Hazards
May be harmful if swallowed.

Inhalation Hazards
May cause nose, throat, and lung irritation. May cause respiratory tract irritation. May cause an allergic respiratory reaction / sensitization after prolonged or repeated contact. Reports have associated repeated and prolonged
3. Hazards Identification - Continued

**Inhalation Hazards - Continued**

exposure to some of the chemicals in this product with permanent brain, liver, kidney, and Central Nervous System damage. Headaches and dizziness may result.

4. First Aid Measures

**Eye**

In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

**Skin**

In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

**Ingestion**

If victim is fully conscious, give one or two cups of water or milk to drink. Never give anything by mouth to an unconscious victim. Call a physician or a poison control center immediately.

**Inhalation**

Remove to fresh air. If not breathing, give artificial respiration, seek medical attention.

5. Fire Fighting Measures

**Flash Point:** 112 °F

**Autoignition Point:** N/AV °F

**Lower Explosive Limit:** N/AV

**Upper Explosive Limit:** N/AV

**Fire And Explosion Hazards**

Combustible liquid. During a fire, irritating and/or toxic gases and aerosols from the decomposition/combustion products may be present.

**Extinguishing Media**

In case of fire, use water spray (fog) foam, dry chemical, or CO2.

**Fire Fighting Instructions**

In the event of a fire, firefighters should wear full protective clothing and NIOSH-approved self-contained breathing apparatus with a full facepiece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

Eliminate all ignition sources. Use appropriate Personal Protective Equipment (PPE). Absorb and/or contain spill with inert materials (e.g. sand, vermiculite) and then place in appropriate container. For large spills, use water spray to disperse vapors. Prevent runoff from entering waterways or sewers.

7. Handling And Storage

**Handling And Storage Precautions**

Keep out of reach of children. Not for internal consumption.

**Handling Precautions**

Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors, and static electricity).

**Storage Precautions**

Store at 32°F min. - 122°F max. Ideal storage temperature 50-80°F. If closed container is exposed to heat, pressure can build up. If moisture enters container, pressure may build up due to reaction. Store in cool, dry area in tightly closed containers, away from sparks and open flames.
## 7. Handling And Storage - Continued

### Work/Hygienic Practices
Wash thoroughly with soap and water after handling.

## 8. Exposure Controls/Personal Protection

### Engineering Controls
Use of a system of local and/or general exhaust is recommended to keep employee below applicable exposure limits. Refer to the current edition of "Industrial Ventilation: A Manual of Recommended Practice" published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.

### Eye/Face Protection
Faceshield over safety glasses or goggles.

### Skin Protection
Chemical-resistant gloves. Lab coat or other work clothing to prevent skin exposure. Launder before reuse.

### Respiratory Protection
A respirator protection program that meets 29 CFR 1910.134 requirement must be followed whenever workplace conditions warrant a respirator's use. In areas where the Permissible Exposure Limits are exceeded, use a properly fitted NIOSH-approved respirator.

### Other/General Protection
Wash thoroughly after handling.

### Ingredient(s) - Exposure Limits

<table>
<thead>
<tr>
<th>Substance</th>
<th>ACGIH TLV-STEL</th>
<th>ACGIH TLV-TWA</th>
<th>OSHA PEL-TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>XYLENE (MIXED ISOMERS)</td>
<td>150 ppm</td>
<td>100 ppm</td>
<td>100 ppm</td>
</tr>
</tbody>
</table>

## 9. Physical And Chemical Properties

### Appearance
Clear liquid

### Odor
Aromatic Odor

### Chemical Type: Mixture

### Physical State: Liquid

### Specific Gravity: 1.02

### Percent Volatiles: 9.0

### Packing Density: 8.5 pounds/gallon

### Vapor Density: > AIR

### Evaporation Rate: Slower than ether

### VOC content: Part A: 69 g/l

### Part B: 92 g/l

### A+B: 75 g/l

## 10. Stability And Reactivity

### Stability: Stable

### Hazardous Polymerization: Will not occur

### Conditions To Avoid (Stability)
Open flame, heat
10. Stability And Reactivity - Continued

**Incompatible Materials**
- Water, Alcohols and Amines

**Hazardous Decomposition Products**
- CO, CO2, Oxides of Nitrogen

11. Toxicological Information
No Data Available...

12. Ecological Information
No Data Available...

13. Disposal Considerations
Dispose in accordance with applicable federal, state and local government regulations. Waste generators must determine whether a discarded material is classified as a hazardous waste. USEPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

14. Transport Information

**Proper Shipping Name**
- Ground Transport - Not Regulated by the USDOT (per 49 CFR 173.150(f))
- Air, Boat Transport - Flammable Liquids, N.O.S, (Xylene), 3, UN1993, PG III

**Additional Shipping Paper Description**
Note: This product is packaged for ground transport only.

15. Regulatory Information

**U.S. Regulatory Information**
All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**SARA Hazard Classes**
- Acute Health Hazard
- Chronic Health Hazard
- Fire Hazard

**SARA Title III - Section 313 Supplier Notification**
This product contains the following toxic chemicals that are subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372.

XYLENE (MIXED ISOMERS) (1330-20-7) 5 - 10 %

This information must be included on all MSDSs that are copied and distributed for this material.

**Ingredient(s) - U.S. Regulatory Information**
- XYLENE (MIXED ISOMERS)
  - SARA Title III - Section 313 Form "R"/TRI Reportable Chemical
  - SARA - Acute Health Hazard
  - SARA - Chronic Health Hazard
  - SARA - Fire Hazard

**Ingredient(s) - State Regulations**
- XYLENE (MIXED ISOMERS)
  - New Jersey - Workplace Hazard

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15. Regulatory Information - Continued

<table>
<thead>
<tr>
<th>Ingredient(s) - State Regulations - Continued</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Jersey - Environmental Hazard</td>
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<tr>
<td>New Jersey - Special Hazard</td>
</tr>
<tr>
<td>Pennsylvania - Workplace Hazard</td>
</tr>
<tr>
<td>Pennsylvania - Environmental Hazard</td>
</tr>
<tr>
<td>Massachusetts - Hazardous Substance</td>
</tr>
<tr>
<td>New York City - Hazardous Substance</td>
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</table>

16. Other Information

<table>
<thead>
<tr>
<th>HMIS Rating</th>
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<tbody>
<tr>
<td>Health: *2</td>
</tr>
<tr>
<td>Fire: 2</td>
</tr>
<tr>
<td>Reactivity: 0</td>
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<tr>
<td>PPE: C</td>
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<table>
<thead>
<tr>
<th>Revision/Preparer Information</th>
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<tbody>
<tr>
<td>MSDS Preparer: EHS Department</td>
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<tr>
<td>This MSDS Supercedes A Previous MSDS Dated: 05/16/2005</td>
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</table>

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