1. Product And Company Identification

Supplier
Sika Corporation
30800 Stephenson Highway
Madison Heights, MI 48071 U.S.A.

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

Manufacturer
Sika Corporation
30800 Stephenson Highway
Madison Heights, MI 48071 U.S.A.

Company Contact: EHS Department
Telephone Number: 201-933-8800
FAX Number: 201-933-9379
Web Site: www.sikaindustry.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: 04/28/2005
Product Name: Sikaflex® 201 (All Colors)
CAS Number: Not Established
Chemical Family: Polyurethane
MSDS Number: 3565
Product Code: 0201541

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>Trade Secret</td>
<td></td>
</tr>
<tr>
<td>XYLENE (MIXED ISOMERS)</td>
<td>1330-20-7</td>
<td>&lt;</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 an allergic respiratory reaction / sensitization after prolonged or repeated contact. Reports have associated repeated and prolonged exposure to some of the...
3. Hazards Identification - Continued

Inhalation Hazards - Continued
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 tepid water for at least 15 minutes. Get medical attention immediately if irritation develops and persists.

Skin
In case of contact, immediately flush skin with soap and plenty of tepid water for at least 15 minutes. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

Ingestion
If swallowed, do not induce vomiting unless directed to do so by medical personnel. If victim is fully conscious, give one or two cups of water or milk to drink. Seek medical attention immediately.

Inhalation
Remove to fresh air. If not breathing, give artificial respiration.

5. Fire Fighting Measures

Flash Point: N/A °F
Flash Point Method: Solid per ASTM D4359
Autoignition Point: N/AV °F
Lower Explosive Limit: N/AV
Upper Explosive Limit: N/AV

Fire And Explosion Hazards
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

Avoid release to the environment. Use appropriate Personal Protective Equipment (PPE). Contain spill and collect with absorbent material and transfer into suitable containers. Do not flush to sewer or allow to enter waterways. Ventilate enclosed area.

7. Handling And Storage

Handling And Storage Precautions
Keep out of reach of children. Not for internal consumption.

Handling Precautions
Condition to 65 - 85F before using. If closed container is exposed to heat, pressure can build up. If moisture enters container, pressure may build up due to reaction.

Storage Precautions
Store at 40 - 95F. 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
Safety glasses with side shields or goggles.

Skin Protection
Chemical-resistant gloves. Lab coat or other work clothing to prevent skin exposure (Long sleeve shirt and long pants). 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>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>IARC</th>
<th>NTP</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLYISOCYANATE PREPOLYMER</td>
<td>NOT ESTABLISHED</td>
<td>NOT ESTABLISHED</td>
<td>NO</td>
<td>NO</td>
</tr>
<tr>
<td>XYLENE (MIXED ISOMERS)</td>
<td>ACGIH TLV-STEL 150 ppm</td>
<td>ACGIH TLV-TWA 100 ppm</td>
<td>OSHA PEL-TWA 100 ppm</td>
<td></td>
</tr>
</tbody>
</table>

9. Physical And Chemical Properties

**Appearance**
Paste (solid) in all colors.

**Odor**
Aromatic Odor

**Chemical Type:** Mixture  
**Physical State:** Solid  
**Melting Point:** N/AV °F  
**Boiling Point:** N/AV °F  
**Specific Gravity:** 1.19  
**Percent Volatiles:** <4%  
**Percent VOCs:** <4%  
**Packing Density:** 10.56 pounds/gallon  
**Vapor Pressure:** N/AV  
**Vapor Density:** > AIR  
**Solubility:** N/AV
9. Physical And Chemical Properties - Continued

<table>
<thead>
<tr>
<th>Odor - Continued</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evaporation Rate: Slower than ether</td>
</tr>
<tr>
<td>VOC Content: 47.6 grams / liter</td>
</tr>
</tbody>
</table>

10. Stability And Reactivity

<table>
<thead>
<tr>
<th>Stability: Stable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazardous Polymerization: Will not occur</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Conditions To Avoid (Stability)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open Flame, Heat</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Incompatible Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water, Alcohols and Amines</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hazardous Decomposition Products</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO, CO2, NOx, Smoke, Fumes</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Proper Shipping Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not regulated by the USDOT.</td>
</tr>
</tbody>
</table>

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

**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) <4 %

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
### 15. Regulatory Information - Continued

**Ingredient(s) - U.S. Regulatory Information - Continued**
- SARA - Acute Health Hazard
- SARA - Chronic Health Hazard
- SARA - Fire Hazard

**Ingredient(s) - State Regulations**
- XYLENE (MIXED ISOMERS)
  - New Jersey - Workplace Hazard
  - New Jersey - Environmental Hazard
  - New Jersey - Special Hazard
  - Pennsylvania - Workplace Hazard
  - Pennsylvania - Environmental Hazard
  - Massachusetts - Hazardous Substance
  - New York City - Hazardous Substance

### 16. Other Information

**HMIS Rating**
- Health: *2
- Fire: 1
- Reactivity: 0
- PPE: C

**Revision/Preparer Information**
- MSDS Preparer: EHS Department
- MSDS Preparer Phone Number: 201 933 - 8800
- This MSDS Supercedes A Previous MSDS Dated: 05/24/2004

**Disclaimer**

The data in this Material Safety Data Sheet relates only to the specific material herein and does not relate to use in combination with any other material or in any process. The information set forth herein is based on technical data that Sika believes to be reliable as of the date hereof. Since conditions of use are outside our control, we make no warranties, express or implied and assume no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents.

Sika Corporation

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