1. Product And Company Identification

Supplier
SIKA CORPORATION
201 Polito Ave
Lyndhurst, NJ 07071

Company Contact: Kristin Kelley
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: Kristin Kelley
Telephone Number: (201) 933-8800
FAX Number: (201) 933-9379
Web Site: www.sikausa.com

Issue Date: 05/29/2002

Product Name: SIKAFLEX 2C, NS & SL "TG COMPONENT" - PART B
CAS Number: Not Established
Chemical Family: POLYURETHANE
MSDS Number: 2525
Product Code: 464-140

Synonyms
RMF-1105

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>POLYISOCYANATEPREPOLYMER</td>
<td>57451-08-8</td>
<td></td>
</tr>
<tr>
<td>XYLENE (MIXEDISOMERS)</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. May cause skin sensitization.
3. Hazards Identification - Continued

**Ingestion Hazards**
May be harmful if swallowed.

**Inhalation Hazards**
May cause nose, throat, and lung irritation.

4. First Aid Measures

**Eye**
RINSE EYES THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. CONSULT PHYSICIAN.

**Skin**
WASH SKIN THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. IF SYMPTOMS PERSIST CONSULT PHYSICIAN.

**Ingestion**
DILUTE WITH WATER. CONSULT PHYSICIAN.

**Inhalation**
REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, INSTITUTE ARTIFICIAL RESPIRATION. CONSULT WITH PHYSICIAN.

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**
Firefighters should wear self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures

Eliminate all ignition sources. WEAR SUITABLE PROTECTIVE EQUIPMENT. CONTAIN SPILL AND COLLECT WITH ABSORBENT MATERIAL AND TRANSFER INTO SUITABLE CONTAINERS. AVOID CONTACT. VENTILATE ENCLOSED AREA.

7. Handling And Storage

**Handling And Storage Precautions**
STORE AT 32F MIN. -122F MAX. IDEAL STORAGE TEMPERATURE 50-80F. 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

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

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

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

8. Exposure Controls/Personal Protection

Engineering Controls
Use with adequate general and local exhaust ventilation.

Eye/Face Protection
Safety glasses with side shields or goggles.

Skin Protection
WEAR CHEMICAL RESISTANT GLOVES. WEAR LONG SLEEVE SHIRT AND LONG PANTS. AVOID SKIN CONTACT.

Respiratory Protection
In areas where the P.E.L.s are exceeded, use a properly fitted NIOSH-approved respirator.

Other/General Protection
WASH THOROUGHLY AFTER HANDLING.

Ingredient(s) - Exposure Limits
POLYISOCYANATE PREPOLYMER
ACGIH TLV: NOT ESTABLISHED
OSHA PEL: NOT ESTABLISHED
NTP: NO
IARC: NO
XYLENE (MIXED ISOMERS)
ACGIH TLV-STE 150 ppm
ACGIH TLV-TWA 100 ppm
OSHA PEL-TWA 100 ppm

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 #/GAL
Vapor Density: > AIR
<table>
<thead>
<tr>
<th>9. Physical And Chemical Properties - Continued</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Odor - Continued</strong></td>
</tr>
<tr>
<td><strong>Evaporation Rate:</strong> SLOWER THAN ETHER</td>
</tr>
<tr>
<td><strong>V.O.C. content</strong></td>
</tr>
<tr>
<td>0.765 # / gal 91.66 g / l</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>10. Stability And Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Stability:</strong> STABLE</td>
</tr>
<tr>
<td><strong>Hazardous Polymerization:</strong> WILL NOT OCCUR</td>
</tr>
<tr>
<td><strong>Conditions To Avoid (Stability)</strong></td>
</tr>
<tr>
<td>OPEN FLAME, HEAT</td>
</tr>
<tr>
<td><strong>Incompatible Materials</strong></td>
</tr>
<tr>
<td>WATER, ALCOHOLS AND AMINES</td>
</tr>
<tr>
<td><strong>Hazardous Decomposition Products</strong></td>
</tr>
<tr>
<td>CO, CO2, OXIDES OF NITROGEN</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>11. Toxicological Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Miscellaneous Toxicological Information</strong></td>
</tr>
<tr>
<td>CHRONIC OVEREXPOSURE TO XYLENE MAY CAUSE KIDNEY AND/OR LIVER DAMAGE.</td>
</tr>
<tr>
<td><strong>Conditions Aggravated By Exposure</strong></td>
</tr>
<tr>
<td>EYE DISEASE, SKIN DISORDERS AND ALLERGIES, CHRONIC RESPIRATORY DISORDERS.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>12. Ecological Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Other Environmental Information</strong></td>
</tr>
<tr>
<td>VOC 91 grams/liter</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>13. Disposal Considerations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dispose in accordance with applicable federal, state and local government regulations.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>14. Transport Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Proper Shipping Name</strong></td>
</tr>
<tr>
<td>NOT REGULATED BY D.O.T., EXCEPT BY AIR</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>15. Regulatory Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>U.S. Regulatory Information</strong></td>
</tr>
<tr>
<td>All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.</td>
</tr>
<tr>
<td><strong>SARA Hazard Classes</strong></td>
</tr>
<tr>
<td>Acute Health Hazard</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
</tr>
<tr>
<td>Fire Hazard</td>
</tr>
<tr>
<td><strong>SARA Section 313 Notification</strong></td>
</tr>
<tr>
<td>This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material.</td>
</tr>
<tr>
<td><strong>Ingredient(s) - U.S. Regulatory Information</strong></td>
</tr>
<tr>
<td>XYLENE (MIXED ISOMERS)</td>
</tr>
<tr>
<td>SARA Title III - Section 313 Form &quot;R&quot;/TRI Reportable Chemical</td>
</tr>
</tbody>
</table>
### 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: 2
- Reactivity: 0
- PPE: C

**Revision/Preparer Information**

- MSDS Preparer: Kristin Kelley
- This MSDS Supercedes A Previous MSDS Dated: 09/18/2001

**Reference Documentation**

- SIKAFLEX 1A - VOC 97 GRAMS/LITER

### 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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