# Material Safety Data Sheet

## 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**
2K Polymer Systems, Limited  
P.O. BOX No.7  
Alfreton, Derbyshire DE55 7RE England

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

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

**Issue Date:** 11/13/2007

**Product Name:** Sikadur® AnchorFix 1 - Part A  
**CAS Number:** Not Established  
**Chemical Family:** Styrene Free unsaturated polyester resin  
**MSDS Number:** 4211  
**Product Code:** C370120

## 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>1-ETHENYL-3-METHYL BENZENE</td>
<td>100-80-1</td>
<td>1 - 10</td>
</tr>
<tr>
<td>1-ETHENYL-4-METHYL BENZENE</td>
<td>622-97-9</td>
<td>1 - 10</td>
</tr>
<tr>
<td>EPOXY RESIN</td>
<td>Trade Secret</td>
<td></td>
</tr>
<tr>
<td>SILICA, QUARTZ</td>
<td>14808-60-7</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Exposure to Silica, Quartz is applicable only if cured with Part "B" and sanded.

## 3. Hazards Identification

**Eye Hazards**  
Causes eye irritation.

**Skin Hazards**  
May cause skin irritation.
3. Hazards Identification - Continued

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

**Inhalation Hazards**
May cause respiratory tract irritation.

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. Never give anything by mouth to an unconscious victim.

**Inhalation**
Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention immediately.

5. Fire Fighting Measures

**Flash Point:** 156 °F

**Fire And Explosion Hazards**
None known

**Extinguishing Media**
In case of fire, use CO2, alcohol or polymer foam, alcohol resistant foam.

**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. Store in a cool, dry, well ventilated area. Keep containers tightly closed.

**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.
8. Exposure Controls/Personal Protection - Continued

**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>Ingredient</th>
<th>CAS #</th>
<th>OSHA PEL-TWA</th>
<th>ACGIH TLV-TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>SILICA, QUARTZ</td>
<td>622-97-9 &amp; 100-80-1</td>
<td>30/%SiO2+2 mg/m3</td>
<td>0.05 mg/m3 (Notice of Intended Change)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10/%SiO2+2 mg/m3</td>
<td>0.025 mg/m3 (Proposed)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>250/%SiO+5 mppcf</td>
<td></td>
</tr>
</tbody>
</table>

Ingredient CAS # 622-97-9 & 100-80-1 regulated as a member of the Generics group for CAS # 25013-15-4 VINYL TOLUENE

OSHA PEL - 100 ppm (480 mg/m3) TWA
ACGIH TLV - 50 ppm (242 mg/m3) TWA
ACGIH STEL - 100 ppm (483 mg/m3) 15 minute

9. Physical And Chemical Properties

**Appearance**
White paste

**Odor**
Characteristic

**Chemical Type:** Mixture
**Physical State:** Solid
**Melting Point:** N/AV °F
**Boiling Point:** N/AV °F
**Specific Gravity:** 1.6
**Packing Density:** 13.5 lbs/gallon
**Solubility:** Insoluble

10. Stability And Reactivity

**Stability:** Stable
**Hazardous Polymerization:** Will not occur

**Conditions To Avoid (Stability)**
Heat, sources of ignition.

**Incompatible Materials**
Strong oxidizing materials, acids and bases.
10. Stability And Reactivity - Continued

**Hazardous Decomposition Products**
- CO, CO2, Aldehydes and other organics

**Conditions To Avoid (Polymerization)**
- Heat, sources of ignition

11. Toxicological Information

**Ingredient(s) - Carcinogenicity**
- SILICA, QUARTZ
  - NTP - Listed On The National Toxicology Program
  - Listed In The IARC Monographs

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**
- Not regulated by the USDOT.

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
- Fire Hazard

**Ingredient(s) - State Regulations**
- SILICA, QUARTZ
  - New Jersey - Workplace Hazard
  - Pennsylvania - Workplace Hazard
  - California - Proposition 65
  - Massachusetts - Hazardous Substance

16. Other Information

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

**Revision/Preparer Information**
- MSDS Preparer: EHS Department
- MSDS Preparer Phone Number: 201-933-8800
### 16. Other Information - Continued

<table>
<thead>
<tr>
<th>Revision/Preparer Information - Continued</th>
</tr>
</thead>
<tbody>
<tr>
<td>This MSDS Supercedes A Previous MSDS Dated: 08/22/2007</td>
</tr>
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</table>

### Disclaimer

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All sales of Sika products are subject to its current terms and conditions of sale available at www.sikacorp.com or 201-933-8800.

SIKA CORPORATION
1. Product And Company Identification

Supplier
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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
2K Polymer Systems, Limited
P.O. BOX No.7
Venture Crescent
Alfreton, Derbyshire DE55 7RE England

Telephone Number: +44 (0) 1773 540440

Issue Date: 11/13/2007
Product Name: Sikadur® AnchorFix 1 - Part B
CAS Number: Not Established
Chemical Family: Peroxide Initiator
MSDS Number: 4212
Product Code: C370120

2. Composition/Information On Ingredients

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<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
<th>Percent Of Total Weight</th>
</tr>
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<tbody>
<tr>
<td>BENZOYL PEROXIDE</td>
<td>94-36-0</td>
<td>10 - 15</td>
</tr>
<tr>
<td>GLYCERINE</td>
<td>56-81-5</td>
<td></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
Harmful if swallowed.
### 3. Hazards Identification - Continued

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

### 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.

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

### 5. Fire Fighting Measures

**Flash Point:** N/A °F

**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 CO2, alcohol or polymer foam, alcohol resistant foam.

**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. Store in a cool, dry, well ventilated area. Keep containers tightly closed.

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Safety glasses with side shields or goggles.
8. Exposure Controls/Personal Protection - Continued

**Skin Protection**
Chemical-resistant gloves. Lab coat or other work clothing. 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.

**Ingredient(s) - Exposure Limits**

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<th>Ingredient(s)</th>
<th>Exposure Limits</th>
</tr>
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<tbody>
<tr>
<td>BENZOYL PEROXIDE</td>
<td>ACGIH TLV-TWA 5 mg/m3</td>
</tr>
<tr>
<td>GLYCERINE</td>
<td>ACGIH TLV-TWA 10 mg/m3 Total Dust</td>
</tr>
</tbody>
</table>

9. Physical And Chemical Properties

**Appearance**
Black Paste

**Odor**
None

**Chemical Type:** Mixture
**Physical State:** Solid
**Melting Point:** N/AV °F
**Boiling Point:** N/AV °F
**Specific Gravity:** 1.5
**Packing Density:** N/AV
**Solubility:** Insoluble
**VOC Content (A+B):** 1.40%

10. Stability And Reactivity

**Stability:** Stable
**Hazardous Polymerization:** Will not occur

**Conditions To Avoid (Stability)**
Heat, sources of ignition.

**Incompatible Materials**
Strong reducing agents

**Hazardous Decomposition Products**
Carbon Dioxide, Carbon Monoxide, and Oxides of Nitrogen

11. Toxicological Information

**Conditions Aggravated By Exposure**
Eye disease, skin disorders and allergies, chronic respiratory conditions.

**Ingredient(s) - Carginogenicity**

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>Carginogenicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>BENZOYL PEROXIDE</td>
<td>Listed In The IARC Monographs</td>
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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**
- Not Regulated by the USDOT

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.

BENZOYL PEROXIDE (94-36-0) 10 - 15 %

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

**SARA Section 313 Notification**

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.

**Ingredient(s) - U.S. Regulatory Information**

BENZOYL PEROXIDE
- SARA Title III - Section 313 Form "R"/TRI Reportable Chemical
- SARA - Acute Health Hazard
- SARA - Chronic Health Hazard
- SARA - Fire Hazard
- SARA - Reactivity Hazard
- SARA - Sudden Release Of Pressure Hazard

**Ingredient(s) - State Regulations**

BENZOYL PEROXIDE
- New Jersey - Workplace Hazard
- New Jersey - Environmental Hazard
- New Jersey - Special Hazard
- Pennsylvania - Workplace Hazard
- Massachusetts - Hazardous Substance
- New York City - Hazardous Substance

GLYCERINE
15. Regulatory Information - Continued

Ingredient(s) - State Regulations - Continued
Pennsylvania - Workplace Hazard

16. Other Information

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

Revision/Preparer Information
MSDS Preparer: EHS Department
MSDS Preparer Phone Number: 201-933-8800
This MSDS Supercedes A Previous MSDS Dated: 08/22/2007

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