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: 08/09/2007

Product Name: Sikadur® 31 Hi Mod Gel LPL - Part A
CAS Number: Not Established
Chemical Family: Epoxy Compound
Chemical Formula: RMF-2661
MSDS Number: 4141
Product Code: 039078L

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>CALCIUM CARBONATE</td>
<td>471-34-1</td>
<td></td>
</tr>
<tr>
<td>MODIFIED EPOXY RESIN</td>
<td>TradeSecret</td>
<td></td>
</tr>
<tr>
<td>SILICA, QUARTZ</td>
<td>14808-60-7</td>
<td></td>
</tr>
<tr>
<td>TITANIUM DIOXIDE</td>
<td>13463-67-7</td>
<td></td>
</tr>
</tbody>
</table>

Note: Exposure to Calcium Carbonate and 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. Prolonged and/or repeated skin contact may cause an allergic reaction/sensitization.
### 3. Hazards Identification - Continued

**Ingestion Hazards**
- Harmful if swallowed.

**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. If victim is fully conscious, give one or two cups of water or milk to drink.

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

### 5. Fire Fighting Measures

**Flash Point:** >220 °F  
**Autoignition Point:** N/AV °F  

**Fire And Explosion Hazards**
- None Known

**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**

**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. Refer to the current edition of "Industrial Ventilation: A Manual of Recommended Practice" published by the American Conference of Governmental Industrial Hygienists.
8. Exposure Controls/Personal Protection - Continued

**Engineering Controls - Continued**

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**

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

**Other/General Protection**

Wash thoroughly after handling.

**Ingredient(s) - Exposure Limits**

<table>
<thead>
<tr>
<th>Material</th>
<th>ACGIH TLV-TWA</th>
<th>OSHA PEL-TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALCIUM CARBONATE</td>
<td>10 mg/m³</td>
<td>15 mg/m³</td>
</tr>
<tr>
<td></td>
<td>5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>SILICA, QUARTZ</td>
<td>0.1 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.05 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>30%SiO2+2 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10%SiO2+2 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>250%SiO+5 mppcf</td>
<td></td>
</tr>
<tr>
<td>TITANIUM DIOXIDE</td>
<td>10 mg/m³</td>
<td>15 mg/m³</td>
</tr>
</tbody>
</table>

9. Physical And Chemical Properties

**Appearance**

Gray Paste

**Odor**

Mild Aromatic Odor

**Chemical Type:** Mixture

**Physical State:** Solid

**Melting Point:** N/AV °F

**Boiling Point:** N/AV °F

**Specific Gravity:** 1.46

**Percent Volatiles:** N/AV

**Packing Density:** 12.18 lbs/gallon

**Vapor Pressure:** N/AV

**Vapor Density:** > AIR

**Solubility:** N/AV

**Evaporation Rate:** Slow than ether
10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will no occur

**Conditions To Avoid (Stability)**
- Exotherm when curing in mass.

**Incompatible Materials**
- Strong oxidizing materials, acids, and bases.

**Hazardous Decomposition Products**
- CO, CO2, aldehydes, and other organics.

**Conditions To Avoid (Polymerization)**
- Exotherm when curing in mass.

11. Toxicological Information

**Miscellaneous Toxicological Information**

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

**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
- Chronic Health Hazard

**SARA Section 313 Notification**
- This product does not contain any ingredients regulated under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372.
15. Regulatory Information - Continued

**State Regulations**
WARNING: This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

**Ingredient(s) - State Regulations**
- CALCIUM CARBONATE
  - Pennsylvania - Workplace Hazard
- SILICA, QUARTZ
  - New Jersey - Workplace Hazard
  - Pennsylvania - Workplace Hazard
  - California - Proposition 65
  - Massachusetts - Hazardous Substance
- TITANIUM DIOXIDE
  - New Jersey - Workplace Hazard
  - Pennsylvania - Workplace Hazard
  - 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:** 11/13/2001

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