## 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  

**CHEMTREC:** 800-424-9300  
**INTERNATIONAL:** 703-527-3887  

**Issue Date:** 08/17/2007  
**Product Name:** Sikadur® 31 Hi Mod Gel LPL - Part B  
**CAS Number:** Not Established  
**Chemical Family:** Amine  
**Chemical Formula:** RMF-2661  
**MSDS Number:** 4142  
**Product Code:** 039079L

## 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>PROPRIETARY BLEND OF ALIPHATIC AND CYCLOALIPHATIC AMINES</td>
<td>TradeSecret</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 "A" and sanded.

## 3. Hazards Identification

### Eye Hazards
Corrosive to living tissue. Causes eye irritation. Causes irreversible eye damage.

### Skin Hazards
Corrosive to living tissue. Contact with skin will cause irritation or burns. Prolonged and/or repeated skin contact may cause an allergic reaction/sensitization.
### 3. Hazards Identification - Continued

**Ingestion Hazards**
- Harmful if swallowed.

**Inhalation Hazards**
- Causes 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.

**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**
- Exposure to heat builds up pressure in closed containers.

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

**Handling Precautions**
- Wash thoroughly after handling.

**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 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>Chemical</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>OSHA PEL-TWA</td>
<td>5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>SILICA, QUARTZ</td>
<td>0.1 mg/m³</td>
<td>(Proposed)</td>
</tr>
<tr>
<td></td>
<td>0.05 mg/m³</td>
<td>(Proposed)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical</th>
<th>OSHA PEL-TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>30%/SiO₂+2 mg/m³</td>
<td>10%/SiO₂+2 mg/m³</td>
</tr>
<tr>
<td>250%/SiO+5 mppcf</td>
<td></td>
</tr>
</tbody>
</table>

9. Physical And Chemical Properties

**Appearance**
Dark Gray Paste

**Odor**
Amine Odor

**Chemical Type:** Mixture
**Physical State:** Solid
**Melting Point:** N/AV °F
**Boiling Point:** N/AV °F
**Specific Gravity:** 1.99
**Percent Volatiles:** N/AV
**Packing Density:** 16.63 lbs/gallon
**Vapor Pressure:** N/AV
**Vapor Density:** >AIR
**Solubility:** N/AV
**Evaporation Rate:** Slower than ether

10. Stability And Reactivity

**Stability:** Stable
**Hazardous Polymerization:** Will not occur
10. Stability And Reactivity - Continued

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

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

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

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

11. 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**
- Corrosive solid, basic, organic, n.o.s. (Aliphatic Amines)

**Hazard Class**
- 8 PGIII

**DOT Identification Number**
- UN3263

**DOT Shipping Label**
- CORROSIVE

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
15. Regulatory Information - Continued

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.

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

16. Other Information

HMIS Rating
Health: *3
Fire: 1
Reactivity: 0
PPE: D

Revision/Preparer Information
MSDS Preparer: EHS Department
MSDS Preparer Phone Number: 201-933-8800
This MSDS Supercedes A Previous MSDS Dated: 01/20/2004

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