



# MATERIAL SAFETY DATA SHEET

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## Sikadur 31, Hi-Mod Gel (New 1:1 Mix Ratio) - Part A

### HMIS

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	C

### 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

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Issue Date: 01/05/2005

Product Name: Sikadur 31, Hi-Mod Gel (New 1:1 Mix Ratio) - Part A

Chemical Family: Modified Epoxy Resin

MSDS Number: 3428

Product Code: 0390-N

### 2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
MODIFIED EPOXY RESIN	Trade Secret	
SILICA, QUARTZ	14808-60-7	

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. May cause skin sensitization.

#### Ingestion Hazards

Harmful if swallowed.

#### Inhalation Hazards

May cause nose, throat, and lung irritation.

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### 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

Dilute with water. If swallowed, do not induce vomiting unless directed to do so by medical personnel.

#### Inhalation

If not breathing, give artificial respiration, seek medical attention.

### 5. Fire Fighting Measures

**Flash Point:** >213 °F >101 °C

#### 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

Keep out of reach of children. Store in a cool area. Keep containers tightly closed. Protect from heat and direct sunlight.

#### 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. 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.

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<p><b>8. Exposure Controls/Personal Protection - Continued</b></p> <p><b>Other/General Protection</b> Wash thoroughly after handling.</p> <p><b>Ingredient(s) - Exposure Limits</b> SILICA, QUARTZ ACGIH TLV-TWA 0.1 mg/m3 (Notice of Intended Change) ACGIH TLV-TWA 0.05 mg/m3 (Proposed) OSHA PEL-TWA 30/%SiO<sub>2</sub>+2 mg/m3 OSHA PEL-TWA 10/%SiO<sub>2</sub>+2 mg/m3 OSHA PEL-TWA 250/%SiO+5 mppcf</p>
<p><b>9. Physical And Chemical Properties</b></p> <p><b>Appearance</b> Yellowish Liquid</p> <p><b>Odor</b> Characteristic</p> <p><b>Chemical Type:</b> Mixture <b>Physical State:</b> Liquid <b>Specific Gravity:</b> 1.8 g/cm<sup>3</sup> <b>Packing Density:</b> 14.6#/gal</p>
<p><b>10. Stability And Reactivity</b></p> <p><b>Stability:</b> Stable <b>Hazardous Polymerization:</b> Will not occur</p> <p><b>Conditions To Avoid (Stability)</b> None known</p> <p><b>Incompatible Materials</b> None when stored and handled according to prescribed instruction.</p>
<p><b>11. Toxicological Information</b></p> <p><b>Ingredient(s) - Carginogenicity</b> SILICA, QUARTZ NTP - Listed On The National Toxicology Program Listed In The IARC Monographs</p>
<p><b>12. Ecological Information</b></p> <p>No Data Available...</p>
<p><b>13. Disposal Considerations</b></p> <p>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.</p>
<p><b>14. Transport Information</b></p> <p><b>Proper Shipping Name</b> Not regulated by the USDOT.</p>

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### 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

#### 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

SILICA, QUARTZ  
New Jersey - Workplace Hazard  
Pennsylvania - Workplace Hazard  
California - Proposition 65  
Massachusetts - 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: 01/05/2005

### 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.

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