



MATERIAL SAFETY DATA SHEET

Sikadur® 31 Hi Mod Gel LPL - Part A

HMIS

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	C

1. Product And Company Identification

<u>Supplier</u> 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	<u>Manufacturer</u> 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
<u>Supplier Emergency Contacts & Phone Number</u> CHEMTREC: 800-424-9300 INTERNATIONAL: 703-527-3887	<u>Manufacturer Emergency Contacts & Phone Number</u> 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

Ingredient Name	CAS Number	Percent Of Total Weight
CALCIUM CARBONATE	471-34-1	
MODIFIED EPOXY RESIN	TradeSecret	
SILICA, QUARTZ	14808-60-7	
TITANIUM DIOXIDE	13463-67-7	

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.

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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

Keep out of reach of children. Keep containers tightly closed. 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 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

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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

CALCIUM CARBONATE

ACGIH TLV-TWA 10 mg/m³

OSHA PEL-TWA 15 mg/m³

OSHA PEL-TWA 5 mg/m³

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/%SiO₂+2 mg/m³

OSHA PEL-TWA 10/%SiO₂+2 mg/m³

OSHA PEL-TWA 250/%SiO+5 mppcf

TITANIUM DIOXIDE

ACGIH TLV-TWA 10 mg/m³

OSHA PEL-TWA 15 mg/m³

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: Slower than ether

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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.

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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 Supersedes A Previous MSDS Dated: 11/13/2001

Disclaimer

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