



MATERIAL SAFETY DATA SHEET

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

<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: 08/14/2007

Product Name: Sikadur® 31 Hi Mod Gel (New 1:1 Mix Ratio) - Part A
CAS Number: Not Established
Chemical Family: Modified Epoxy Resin
MSDS Number: 4150
Product Code: 079013N

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. Prolonged and/or repeated skin contact may cause an allergic reaction/sensitization.

Ingestion Hazards

May be harmful if swallowed.

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3. Hazards Identification - Continued

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 to drink. Call a physician immediately.

Inhalation

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

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, dry, well ventilated area. Keep containers tightly closed.

Handling Precautions

Wash thoroughly after handling.

Work/Hygienic Practices

Wash thoroughly 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.

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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

In case of inadequate ventilation, use 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

SILICA, QUARTZ

ACGIH TLV-TWA 0.05 mg/m³ (Notice of Intended Change)

ACGIH TLV-TWA 0.025 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

9. Physical And Chemical Properties

Appearance

Yellowish liquid

Odor

Characteristic

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: N/A °F

Specific Gravity: 1.8 grams/cm³

Packing Density: 14.6 lbs/gallon

Vapor Pressure: N/A

Vapor Density: > Air

Evaporation Rate: Slower than ether

VOC Content (A+B): < 80 grams/liter

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not 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.

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11. Toxicological Information

Conditions Aggravated By Exposure

Eye disease, skin disorders and allergies, chronic respiratory disease.

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.

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

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16. Other Information - Continued

Revision/Preparer Information

MSDS Preparer: EHS Department

MSDS Preparer Phone Number: 201-933-8800

This MSDS Supersedes A Previous MSDS Dated: 08/09/2007

Disclaimer

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