MATERIAL SAFETY DATA SHEET

Sikadur 31, Hi Mod Gel - Part B

HMIS

HEALTH	3
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

Manufacturer Emergency Contacts & Phone Number
CHEMTREC: 800-424-9300
INTERNATIONAL: 703-527-3887

Issue Date: 04/16/2003

Product Name: Sikadur 31, Hi Mod Gel - Part B
CAS Number: Not Established
Chemical Family: AMINE
Chemical Formula: RMF-1349
MSDS Number: 2667
Product Code: 0390140

2. Composition/Information On Ingredients

Ingredient Name	CAS Number		Percent Of Total Weight
AROMATIC HYDROCARBON BLEND	68477-31-6		
BENZYL ALCOHOL	100-51-6		
CALCIUM CARBONATE	471-34-1		
NONYL PHENOL	84852-15-3		
PROPRIETARY BLEND OF CYCLIC & ALIPHATIC AMINES	Trade Secret		
SILICA, QUARTZ	14808-60-7		

Note: Exposure to silica, quartz is applicable only if cured with Part "A" and sanded.

3. Hazards Identification

Eye Hazards
May cause eye irritation. May cause irreversible eye damage.

Skin Hazards
May cause skin irritation and severe skin burns. May cause skin sensitization.

Ingestion Hazards
Harmful if swallowed.

Inhalation Hazards
May cause nose, throat, and lung irritation. Lung sensitizer.

4. First Aid Measures

Eye
Rinse eyes thoroughly with water for at least 15 minutes. Consult physician.

Skin
In case of contact, immediately flush skin with plenty of water for at least 15 minutes.

Ingestion
If victim is fully conscious, give one or two cups of water o drink. If swallowed, do not induce vomiting unless directed to do so by medical personnel. Call a physician immediately.

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

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
Firefighters should wear self-contained breathing apparatus and full protective gear.

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. Ventilate enclosed area.

7. Handling And Storage

Handling And Storage Precautions
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.

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.

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.

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

9. Physical And Chemical Properties

Appearance

Black Paste

Odor

Amine Odor

Chemical Type: Mixture
Physical State: Solid
Melting Point: N/AV °F
Boiling Point: N/AV °F
Specific Gravity: 1.68
Percent Volatiles: N/AV
Packing Density: 14.0 pounds/gallon
Vapor Pressure: N/AV
Vapor Density: >AIR
pH Factor: 12
Solubility: N/AV
Evaporation Rate: Slower than ether

10. Stability And Reactivity

Stability: Stable
Hazardous Polymerization: Will not occur

Conditions To Avoid (Stability)

None Known

10. Stability And Reactivity - Continued

Incompatible Materials

Strong oxidizing materials, acids, and epoxy resins under uncontrolled conditions.

Hazardous Decomposition Products

CO, CO2, Oxides of Nitrogen

Conditions To Avoid (Polymerization)

None Known

11. Toxicological Information

Conditions Aggravated By Exposure

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

Ingredient(s) - Carginogenicity

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.

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

BENZYL ALCOHOL
- New Jersey - Workplace Hazard
- Pennsylvania - Workplace Hazard
- Massachusetts - Hazardous Substance

CALCIUM CARBONATE
- Pennsylvania - Workplace Hazard

SILICA, QUARTZ

15. Regulatory Information - Continued

Ingredient(s) - State Regulations - Continued

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: C

Revision/Preparer Information
MSDS Preparer: EHS Department
This MSDS Supercedes A Previous MSDS Dated: 04/16/2003

Disclaimer

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