



MATERIAL SAFETY DATA SHEET

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Sikadur 51 NS - 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: 05/26/2004

Product Name: Sikadur 51 NS - Part B
Chemical Family: Amine Compound
Chemical Formula: RMF-1687
MSDS Number: 2686
Product Code: 078714N

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
BENZYL ALCOHOL	100-51-6	
CALCIUM CARBONATE	471-34-1	
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

Causes eye irritation. Causes irreversible eye damage.

Skin Hazards

Causes skin irritation. May cause skin sensitization.

Ingestion Hazards

Harmful if swallowed.

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3. Hazards Identification - Continued

Inhalation Hazards

May cause nose, throat, and lung irritation.

4. First Aid Measures

Eye

In case of contact, immediately flush eyes with plenty of water. Get medical attention immediately if irritation develops and persists.

Skin

Wash affected areas with soap and water. 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.

Inhalation

Remove to fresh air. Get medical attention immediately.

5. Fire Fighting Measures

Flash Point: >220 °F

Autoignition Point: N/AV °F

Lower Explosive Limit: N/AV

Upper Explosive Limit: N/AV

Fire And Explosion Hazards

None Known

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). Use appropriate containers to avoid environmental contamination.

7. Handling And Storage

Handling And Storage Precautions

Keep containers tightly closed. Keep out of reach of children. Ideal storage temperature is 50-81F.

Handling Precautions

Keep container closed when not in use.

Storage Precautions

Store in a dry place.

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.

Eye/Face Protection

Safety glasses with side shields or goggles.

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8. Exposure Controls/Personal Protection - Continued

Skin Protection

Chemical-resistant gloves. Lab coat or other work clothing. 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.

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: 1.64

Percent Volatiles: N/AV

Percent VOCs: 21% Part B only

Packing Density: 13.7 pounds/gallon

Vapor Pressure: N/AV

Vapor Density: >AIR

Solubility: N/AV

Evaporation Rate: Slower than ether

VOC Content (Part A + B) - 1.05 grams/Liter

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions To Avoid (Stability)

None Known

Incompatible Materials

Strong acids and oxidizing agents

Hazardous Decomposition Products

Nitrogen Oxides, CO, CO₂

Conditions To Avoid (Polymerization)

Exotherm when curing in mass.

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<p>11. Toxicological Information</p> <p><u>Ingredient(s) - Carginogenicity</u> SILICA, QUARTZ NTP - Listed On The National Toxicology Program Listed In The IARC Monographs</p>
<p>12. Ecological Information</p> <p>No Data Available...</p>
<p>13. Disposal Considerations</p> <p>Dispose in accordance with applicable federal, state and local government regulations.</p>
<p>14. Transport Information</p> <p><u>Proper Shipping Name</u> Corrosive solid, basic, organic, n.o.s., (Aliphatic & Cycloaliphatic Amines)</p> <p><u>Hazard Class</u> 8 PGIII</p> <p><u>DOT Identification Number</u> UN3263</p> <p><u>DOT Shipping Label</u> CORROSIVE</p>
<p>15. Regulatory Information</p> <p><u>U.S. Regulatory Information</u> All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.</p> <p><u>SARA Hazard Classes</u> Acute Health Hazard Chronic Health Hazard</p> <p><u>SARA Section 313 Notification</u> 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.</p> <p><u>State Regulations</u> WARNING: This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.</p> <p><u>Ingredient(s) - State Regulations</u> BENZYL ALCOHOL New Jersey - Workplace Hazard Pennsylvania - Workplace Hazard Massachusetts - Hazardous Substance CALCIUM CARBONATE Pennsylvania - Workplace Hazard SILICA, QUARTZ New Jersey - Workplace Hazard Pennsylvania - Workplace Hazard California - Proposition 65 Massachusetts - Hazardous Substance</p>

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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: 04/17/2003

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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