



# MATERIAL SAFETY DATA SHEET

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## Sikadur 51 NS - 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

#### Manufacturer Emergency Contacts & Phone Number

CHEMTREC: 800-424-9300  
INTERNATIONAL: 703-527-3887

Issue Date: 05/26/2004

Product Name: Sikadur 51 NS - Part A  
Chemical Family: Epoxy Compound  
Chemical Formula: RMF-1687  
MSDS Number: 3195  
Product Code: 078713N

### 2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
AROMATIC HYDROCARBON	68477-31-6	
MODIFIED EPOXY RESIN	Trade Secret	

### 3. Hazards Identification

#### Eye Hazards

May cause eye irritation.

#### Skin Hazards

May cause skin irritation. May cause skin sensitization.

#### Ingestion Hazards

May be 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, immediately flush eyes with plenty of water. Get medical attention immediately if irritation develops and persists.

#### Skin

Rinse the affected area with 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.

#### 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.

#### 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.

#### 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.

#### Ingredient(s) - Exposure Limits

AROMATIC HYDROCARBON

ACGIH N/E

OSHA N/E

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<p><b>8. Exposure Controls/Personal Protection - Continued</b></p> <p><b><u>Ingredient(s) - Exposure Limits - Continued</u></b>                  NTP N/AP                  IARC N/AP</p>
<p><b>9. Physical And Chemical Properties</b></p> <p><b><u>Appearance</u></b>                  White Paste</p> <p><b><u>Odor</u></b>                  Mild Aromatic Odor</p> <p><b>Chemical Type:</b> Mixture  <b>Physical State:</b> Solid  <b>Melting Point:</b> N/AV °F  <b>Boiling Point:</b> N/AV °F  <b>Specific Gravity:</b> 1.50  <b>Percent Volatiles:</b> N/AV  <b>Percent VOCs:</b> 17 % Part A only  <b>Packing Density:</b> 12.5 pounds/gallon  <b>Vapor Pressure:</b> N/AV  <b>Vapor Density:</b> &gt;AIR  <b>Solubility:</b> N/AV  <b>Evaporation Rate:</b> SLower than ether                  VOC Content (Part A + B) - 1.05 grams/Liter</p>
<p><b>10. Stability And Reactivity</b></p> <p><b>Stability:</b> Stable  <b>Hazardous Polymerization:</b> Will not occur</p> <p><b><u>Conditions To Avoid (Stability)</u></b>                  Extreme Heat</p> <p><b><u>Incompatible Materials</u></b>                  Strong Acids, Bases, Oxidizing Agents, Certian Amines, Mercaptans</p> <p><b><u>Hazardous Decomposition Products</u></b>                  Nitrogen Oxides, CO, CO2, Phenol Derivatives, TDI</p> <p><b><u>Conditions To Avoid (Polymerization)</u></b>                  Exotherm when curing in mass</p>
<p><b>11. Toxicological Information</b></p> <p>No Data Available...</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.</p>
<p><b>14. Transport Information</b></p> <p><b><u>Proper Shipping Name</u></b>                  Not regulated by the USDOT.</p>

## Sikadur 51 NS - Part A

### 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 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.

### 16. Other Information

#### HMIS Rating

Health: 2

Fire: 1

Reactivity: 0

PPE: C

#### Revision/Preparer Information

MSDS Preparer: EHS Department

This MSDS Supersedes 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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