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: 01/20/2004
Product Name: Sikadur 21, Lo Mod LV - Part B
Chemical Family: Amine
MSDS Number: 3057
Product Code: 032114E

2. Composition/Information On Ingredients

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
<th>Percent Of Total Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>AROMATIC HYDROCARBON BLEND</td>
<td>68477-31-6</td>
<td></td>
</tr>
<tr>
<td>NONYL PHENOL</td>
<td>84852-15-3</td>
<td></td>
</tr>
<tr>
<td>PROPRIETARY BLEND OF CYCLIC &amp; ALIPHATIC AMINES</td>
<td>Not Established</td>
<td></td>
</tr>
</tbody>
</table>

3. Hazards Identification

Eye Hazards
CORROSIVE, CONTACT MAY CAUSE SEVERE IRRITATION AND PAIN AND MAY CAUSE BURNS, NECROSIS AND PERMANENT INJURY. MAY CAUSE VISUAL DISTURBANCES, CORNEA DAMAGE, DAMAGE TO THE OPTIC NERVE OR BLINDNESS.

Skin Hazards
CORROSIVE, CONTACT MAY CAUSE SEVERE IRRITATION AND PAIN AND MAY CAUSE BURNS, NECROSIS AND PERMANENT INJURY. PROLONGED AND/OR REPEATED CONTACT WITH SKIN MAY CAUSE AN ALLERGIC REACTION/SENSITIZATION.

Ingestion Hazards
ACUTELY TOXIC. HARMFUL IF ASPIRATED INTO LUNGS.
3. Hazards Identification - Continued

**Inhalation Hazards**
MAY CAUSE RESPIRATORY TRACT IRRITATION. MAY CAUSE RESPIRATORY SENSITIZATION.

4. First Aid Measures

**Eye**
RINSE EYES THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. CONSULT PHYSICIAN.

**Skin**
WASH SKIN THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. IF SYMPTOMS PERSIST CONSULT PHYSICIAN.

**Ingestion**
DILUTE WITH WATER. DO NOT INDUCE VOMITING. CONTACT PHYSICIAN.

**Inhalation**
REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, INSTITUTE ARTIFICIAL RESPIRATION. CONSULT WITH PHYSICIAN.

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
WEAR SUITABLE PROTECTIVE EQUIPMENT. VENTILATE AREA. CONTAIN SPILL AND COLLECT WITH ABSORBENT MATERIAL & TRANSFER INTO SUITABLE CONTAINERS. AVOID CONTACT.

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.

**Eye/Face Protection**
Safety glasses with side shields or goggles.

**Skin Protection**
AVOID SKIN CONTACT. WEAR LONG SLEEVE SHIRT AND LONG PANTS. WEAR NITRILE OR OTHER CHEMICAL RESISTANT GLOVES.

**Respiratory Protection**
A respirator protection program that meets 29 CFR 1910.134 requirement must be followed whenever workplace conditions warrant a respirator's use.
### 8. Exposure Controls/Personal Protection - Continued

**Other/General Protection**

WASH THOROUGHLY AFTER HANDLING.

**Ingredient(s) - Exposure Limits**

- **AROMATIC HYDROCARBON BLEND**
  - ACGIH TLV: NOT ESTABLISHED
  - OSHA PEL: NOT ESTABLISHED
  - IARC: NO
  - NTP: NO

- **NONYL PHENOL**
  - ACGIH TLV: NOT ESTABLISHED
  - OSHA PEL: NOT ESTABLISHED
  - IARC: NO
  - NTP: NO

- **PROPRIETARY BLEND OF CYCLIC & ALIPHATIC AMINES**
  - ACGIH TLV: NOT ESTABLISHED
  - OSHA PEL: NOT ESTABLISHED
  - IARC: NO
  - NTP: NO

### 9. Physical And Chemical Properties

**Appearance**

AMBER LIQUID

**Odor**

AMINE ODOR

**Chemical Type:** Mixture

**Physical State:** Liquid

**Melting Point:** N/AV °F

**Boiling Point:** N/AV °F

**Specific Gravity:** 0.98

**Percent Volatiles:** N/AV

**Vapor Pressure:** N/AV

**Vapor Density:** >AIR

**Solubility:** N/AV

**Evaporation Rate:** SLOWER THAN ETHER

VOC = 59 grams/liter when mixed with Part A

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Conditions To Avoid (Stability)**

NONE KNOWN

**Incompatible Materials**

STRONG OXIDIZING AGENTS, ACID AND EPOXY RESINS UNDER UNCONTROLLED CONDITIONS

**Hazardous Decomposition Products**

CO, CO₂, OXIDES OF NITROGEN
11. Toxicological Information

**Miscellaneous Toxicological Information**
- REPEATED EXPOSURE TO HIGH CONCENTRATIONS OF VAPOR MAY CAUSE LIVER EFFECTS.
- OVEREXPOSURE MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS.

**Conditions Aggravated By Exposure**
- EYE DISEASE, SKIN DISORDERS AND ALLERGIES, CHRONIC RESPIRATORY CONDITIONS

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**
- Corrosive liquid, basic, organic, n.o.s., (Aliphatic & Cycloaliphatic Amines)

**Hazard Class**
- 8

**DOT Identification Number**
- UN3267

**DOT Shipping Label**
- Corrosive

**Freight Class**
- PG II

**Additional Shipping Paper Description**
- Shall be marked as a marine pollutant when offered for transportation in bulk containers.
- Shall be marked as a marine pollutant when offered for transportation in non-bulk containers aboard a vessel.

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.

16. Other Information

**HMIS Rating**
- Health: 3
- Fire: 1
- Reactivity: 0
- PPE: C

**Revision/Preparer Information**
- MSDS Preparer: EHS Department
- MSDS Preparer Phone Number: 201 933 8800
### 16. Other Information - Continued

<table>
<thead>
<tr>
<th>Revision/Preparer Information - Continued</th>
<th>This MSDS Supercedes A Previous MSDS Dated: 11/24/2003</th>
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<td>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.</td>
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SIKA CORPORATION

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