# Material Safety Data Sheet

## SIKA REPAIR 222

### HMIS

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>REACTIVITY</th>
<th>PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
<td>E</td>
</tr>
</tbody>
</table>

## 1. Product And Company Identification

**Supplier**
Sika Corporation  
201 Polito Ave  
Lyndhurst, NJ 07071  
Company Contact: Kristin Kelley  
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: Kristin Kelley  
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:** 07/06/2001

**Product Name:** SIKA REPAIR 222

**CAS Number:** Not Established

**Chemical Family:** CEMENTITIOUS MORTAR

**MSDS Number:** 183

**Product Code:** NO. 552

**Synonyms**
- NO. 552

## 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>CEMENT, PORTLAND</td>
<td>65997-15-1</td>
<td></td>
</tr>
<tr>
<td>SILICA, QUARTZ</td>
<td>14808-60-7</td>
<td></td>
</tr>
<tr>
<td>SODA ASH</td>
<td>497-19-8</td>
<td></td>
</tr>
</tbody>
</table>

## 3. Hazards Identification

### Eye Hazards

- **EYE IRRITANT.**

### Skin Hazards

- **MAY CAUSE A REVERSIBLE INFLAMMATORY EFFECT ON SKIN OR TISSUE AT THE SITE OF CONTACT.**

### Ingestion Hazards

- **NOT NORMALLY INGESTED.**
3. Hazards Identification - Continued

**Inhalation Hazards**
MAY CAUSE A REVERSIBLE INFLAMMATORY EFFECT ON THE UPPER RESPIRATORY SYSTEM.
PROLONGED CHRONIC EXPOSURE MAY CAUSE EFFECTS ON THE RESPIRATORY SYSTEM PATHOLOGY
OR RESPIRATION, SUCH AS PULMONARY EDEMA, FIBROSIS, BRONCHITIS, BRONCHOCONSTRICTION,
OR RESPIRATORY ARREST.

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. CONTACT PHYSICIAN.

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

5. Fire Fighting Measures

**Flash Point:** >200 °F
**Autoignition Point:** N/AV °F
**Flammability Class:** NCMB
**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

WEAR SUITABLE PROTECTIVE EQUIPMENT. CONTAIN SPILL AND COLLECT AND SWEEP OR VACUUM.
TRANSFER INTO SUITABLE CONTAINERS. AVOID CONTACT.

7. Handling And Storage

**Handling And Storage Precautions**
STORE IN A COOL DRY 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**
AVOID SKIN CONTACT. WEAR LONG SLEEVE SHIRT AND LONG PANTS. CHEMICAL RESISTANT RUBBER OR PLASTIC GLOVES.

**Respiratory Protection**
In areas where the P.E.L.s are exceeded, use a properly fitted NIOSH-approved respirator.

**Other/General Protection**

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**Ingredient(s) - Exposure Limits**

<table>
<thead>
<tr>
<th>Material</th>
<th>ACGIH TLV-TWA</th>
<th>OSHA PEL -TWA (total dust)</th>
<th>OSHA PEL - TWA (respirable dust)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEMENT, PORTLAND</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 mg/m3</td>
<td></td>
</tr>
<tr>
<td>SILICA, QUARTZ</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV-TWA</td>
<td>0.1 mg/m3</td>
<td>(Notice of Intended Change)</td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV-TWA</td>
<td>0.05 mg/m3</td>
<td>(Proposed)</td>
</tr>
<tr>
<td></td>
<td>OSHA PEL-TWA</td>
<td>30/%SiO2 + 2 mg/m3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA PEL-TWA</td>
<td>10/%SiO2 + 2 mg/m3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA PEL-TWA</td>
<td>250/%SiO + 5 mppcf</td>
<td></td>
</tr>
<tr>
<td>SODA ASH</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV-TWA</td>
<td>10 MG/M3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA N/E</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>NTP N/AP</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>IARC N/AP</td>
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</table>

9. Physical And Chemical Properties

**Appearance**
GRAY GRANULAR POWDER

**Odor**
ODORLESS

**Chemical Type:** Mixture
**Physical State:** Solid
**Melting Point:** N/AV °F
**Boiling Point:** N/AV °F
**Specific Gravity:** N/AV
**Percent Volatiles:** N/AV
**Packing Density:** N/AV
**Vapor Pressure:** N/AV
**Vapor Density:** >AIR
**Solubility:** N/AV
**Evaporation Rate:** N/AV

10. Stability And Reactivity

**Stability:** STABLE
**Hazardous Polymerization:** WILL NOT OCCUR
10. Stability And Reactivity - Continued

| Conditions To Avoid (Stability)      | NONE KNOWN      |
| Incompatible Materials              | NONE KNOWN      |
| Hazardous Decomposition Products    | NONE KNOWN      |
| Conditions To Avoid (Polymerization)| NONE KNOWN      |

11. Toxicological Information

**Miscellaneous Toxicological Information**

**Conditions Aggravated By Exposure**

- PROLONGED OR REPEATED EXPOSURE CAN CAUSE SILICOSIS.

**Ingredient(s) - Carginogenicity**

- SILICA, QUARTZ
  - NTP - Listed On The National Toxicology Program
  - Listed In The IARC Monographs

12. Ecological Information

**Other Environmental Information**

13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations.

14. Transport Information

**Proper Shipping Name**

- NOT REGULATED PER D.O.T.

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.
15. Regulatory Information - Continued

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>State Regulations</th>
</tr>
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<tbody>
<tr>
<td>SILICA, QUARTZ</td>
<td>New Jersey - Workplace Hazard</td>
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<tr>
<td></td>
<td>Pennsylvania - Workplace Hazard</td>
</tr>
<tr>
<td></td>
<td>California - Proposition 65</td>
</tr>
<tr>
<td></td>
<td>Massachusetts - Hazardous Substance</td>
</tr>
</tbody>
</table>

16. Other Information

**HMIS Rating**
- Health: 1
- Fire: 0
- Reactivity: 0
- PPE: E

**Precautionary Label**
- SILICA, CRYSTALLINE 14808-60-7
- CEMENT 65997-15-1, SODA ASH 497-19-8

**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.

SIKA CORPORATION