Safety Data Sheet
Soudal Silirub N1

Section 1. Identification

Product Identifier: Soudal Silirub N1
Synonyms: Various
Manufacturer Stock Numbers: Various
Recommended use: Refer to Technical Data
Uses advised against: Refer to Technical Data

Manufacturer Contact Address: Soudal Accumetric
350 Ring Road
Elizabethtown, KY, 42701
USA

Phone: (270) 769-3385
Emergency Phone: (800) 424-9300
Fax: N/A

Section 2. Hazards Identification

Classification:
- EYE DAMAGE/IRRITATION - Category 2A
- SENSITIZATION - SKIN - Category 1
- SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure) - Category 2

Signal Word: Warning

Pictogram:

Hazard Statements:
- Causes serious eye irritation
- May cause an allergic skin reaction
- May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements:
Response:
- Get medical advice/attention if you feel unwell.
- If eye irritation persists: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If on skin: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Read label before use
Wash contaminated clothing before reuse.

Prevention
Avoid breathing dust/fume/gas/mist/vapors/spray.
Contaminated work clothing must not be allowed out of the workplace.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash hands thoroughly after handling.
Wear eye protection/face protection.
Wear protective gloves.

Storage
N/A

Disposal
Dispose of contents and container in accordance with all local, regional, national and international regulations.

Ingredients of unknown toxicity
0%

Hazards not Otherwise Classified
Additional Information
None known

Section 3. Ingredients

<table>
<thead>
<tr>
<th>CAS</th>
<th>Ingredient Name</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>22984-54-9</td>
<td>Methyl Oximino Silane</td>
<td>1% - 5%</td>
</tr>
<tr>
<td>2224-33-1</td>
<td>Vinyl Oximino Silane</td>
<td>1% - 5%</td>
</tr>
<tr>
<td>1760-24-3</td>
<td>N-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane</td>
<td>1% - 5%</td>
</tr>
<tr>
<td>63148-62-9</td>
<td>Dimethylpolysiloxane</td>
<td>10% - 30%</td>
</tr>
<tr>
<td>112945-52-5</td>
<td>Amorphous fumed silica</td>
<td>5% - 10%</td>
</tr>
</tbody>
</table>

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Comments
Treat according to person’s condition and specifics of exposure.

Ingestion
DO NOT INDUCE VOMITING. Seek immediate medical attention.

Inhalation
Remove to fresh air. If symptoms persist, obtain appropriate medical attention.

Skin Contact
Remove from skin and immediately flush with water for 15 minutes. Get medical attention if irritation or ill effects develop or persist.

Eye Contact
Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation develops.

Section 5. Fire Fighting Measures
Suitable Extinguishing Media
N/A

Unsuitable Extinguishing Media
N/A

**Flammability Limits in Air**
Not determined

**Auto-ignition Temperature**
Not determined

**Extinguishing Media**
On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide, dry chemical or water spray. Water can be used to cool fire exposed containers.

**Special Fire Fighting Procedures**
Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.

**Unusual Fire or Explosion Hazards**
None known

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### Section 6. Accidental Release Measures

**Steps to be taken in case of spill or release**
Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Sections 5 and 8. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. For small spills, wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled material, even in small quantities, may present a slip hazard. Final cleaning may require the use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur.

Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

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### Section 7. Handling and Storage

**Storage**
Keep container closed and store in a cool, well ventilated area, away from water or moisture.

**Handling**
Avoid breathing vapors in top of shipping container. Keep container closed. Use with adequate ventilation. Avoid contact with skin and clothing. Wash thoroughly after handling.

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### Section 8. Exposure Controls/Personal Protection

**Occupational Exposure Limits**

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Oximino Silane</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Vinyl Oximino Silane</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>
Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Paste</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>See product label</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Negligible</td>
</tr>
<tr>
<td>Partition coefficient Water/n-octanol</td>
<td>Not available</td>
</tr>
<tr>
<td>VOC%</td>
<td>2.8% (w/w)</td>
</tr>
<tr>
<td>Viscosity</td>
<td>1000000 cSt</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.03</td>
</tr>
<tr>
<td>Density lbs/Gal</td>
<td>N/A</td>
</tr>
<tr>
<td>Pounds per Cubic Foot</td>
<td>N/A</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not available</td>
</tr>
<tr>
<td>FP Method</td>
<td>N/A</td>
</tr>
<tr>
<td>Ph</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Range</td>
<td>N/A</td>
</tr>
<tr>
<td>LEL</td>
<td>N/A</td>
</tr>
<tr>
<td>UEL</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not available</td>
</tr>
</tbody>
</table>
Section 10. Stability and Reactivity

<table>
<thead>
<tr>
<th>Chemical Stability</th>
<th>Stable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazardous polymerization</td>
<td>Will not occur</td>
</tr>
<tr>
<td>Materials to Avoid / Incompatibility</td>
<td>Oxidizing material can cause a reaction</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>None known</td>
</tr>
</tbody>
</table>

Section 11. Toxicological Information

<table>
<thead>
<tr>
<th>Carcinogenicity</th>
<th>This product is not known to be a carcinogen.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mutagenicity</td>
<td>This product is not known to be a mutagen.</td>
</tr>
<tr>
<td>Reproductive Toxin</td>
<td>This product is not known to be a reproductive toxin.</td>
</tr>
</tbody>
</table>

Section 12. Ecological Information

<table>
<thead>
<tr>
<th>Fate and Effects in Waste Water Treatment Plants</th>
<th>Complete information is not yet available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental Effects</td>
<td>Complete information is not yet available.</td>
</tr>
<tr>
<td>Environmental Fate and Distribution</td>
<td>Complete information is not yet available.</td>
</tr>
</tbody>
</table>

Section 13. Disposal

Waste Disposal Method
We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

Section 14. Transport Information

<table>
<thead>
<tr>
<th>UN Number</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Proper Shipping Name</td>
<td>N/A</td>
</tr>
<tr>
<td>DOT Classification</td>
<td>N/A</td>
</tr>
<tr>
<td>Packing Group</td>
<td>N/A</td>
</tr>
<tr>
<td>Ocean Shipment (IMDG)</td>
<td>Not subject to IMDG code.</td>
</tr>
<tr>
<td>Air Shipment (IATA)</td>
<td>Not subject to IATA regulations.</td>
</tr>
</tbody>
</table>
Section 15. Regulatory Information

US Federal Regulations
- TSCA 8(a) PAIR: Siloxanes and Silicones, di-Me, hydroxy-terminated; Siloxanes and Silicones, di-Me
- TSCA 8(a) CDR Exempt/Partial exemption: Not determined
- United States inventory (TSCA 8b): All components are listed or exempted.

Clear Air Act
- Section 112 (b) Hazardous Air Pollutants (HAPs)
  - Not listed
- Section 602 Class I Substances
  - Not listed
- Section 602 Class II Substances
  - Not listed

DEA
- List I Chemicals (Precursor Chemicals)
  - Not listed
- List II Chemicals (Essential Chemicals)
  - Not listed

SARA Title III
- SARA 302/304
  - Not applicable
- SARA 311/312
  - Immediate (acute) health hazard
  - Delayed (chronic) health hazard

State Regulations
- Massachusetts
  - None of the components are listed.
- New York
  - None of the components are listed.
- New Jersey
  - None of the components are listed.
- Pennsylvania
  - None of the components are listed.
- California Prop 65
  - No products were found

Section 16. Other Information

Revision Date 8/6/2015

Disclaimer
The data contained herein is based upon information that Soudal Accumetric
believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.