Safety Data Sheet
BOSS® 315 RTV 100% Silicone Sealant

Section 1. Identification

Product Identifier
BOSS® 315 RTV 100% Silicone Sealant

Synonyms
31590; 31560; 31530; 31531; 31532; 31520; 31521; 31503; 31502; 31500; 31501; 31551; 31573; 31572; 31570; 31571

Manufacturer Stock Numbers
01004CL84; 01003CL84; 01000CL72; 01000WH72; 01000BK72; 01000CL12; 01011AL48; 01011BK48; 01011CL48; 01011WH48; 01300WH05; 01048AL01; 01048BK01; 01048CL01; 01048WH01; 01000WH12

Recommended use
Refer to Technical Information

Uses advised against
Refer to Technical Information

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

Phone
(270) 769-3385

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
(270) 765-2412

Section 2. Hazards Identification

Classification
N/A

Signal Word
N/A

Pictogram
N/A

Hazard Statements
N/A

Precautionary Statements
Response
N/A

Prevention
Use only outdoors or in a well-ventilated area.

Storage
N/A

Disposal
N/A
Section 3. Ingredients

<table>
<thead>
<tr>
<th>CAS</th>
<th>Ingredient Name</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>7631-86-9</td>
<td>Amorphous silica</td>
<td>5% - 10%</td>
</tr>
<tr>
<td>64742-46-7</td>
<td>Distillates (petroleum), hydrotreated middle</td>
<td>5% - 10%</td>
</tr>
</tbody>
</table>

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

Section 4. First-Aid Measures

- **Eye Contact**: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes while holding the eyelids open. Obtain medical attention.
- **Skin Contact**: No health effects expected. If irritation does occur, flush with lukewarm, gently flowing water for 5 minutes. If irritation persists, obtain medical advice.
- **Inhalation**: If symptoms are experienced remove source of contamination or move victim to fresh air. If irritation persists, obtain medical advice.
- **Ingestion**: If irritation or discomfort occur, obtain medical advice.
- **Comments**: Treat according to person's condition and specifics of exposure.

Section 5. Fire Fighting Measures

- **Suitable 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.
- **Unsuitable Extinguishing Media**: None known
- **Auto-ignition Temperature**: Not determined
- **Flammability Limits in Air**: Not determined
- **Special Fire Fighting Procedures**: Self-contained breathing apparatus and protective clothing should be worn when fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
- **Unusual Fire or Explosion Hazards**: None known

Section 6. Accidental Release Measures
**Steps to be taken in case of spill or release**

Observe all personal protection equipment recommendations in Sections 5 and 8. Wipe or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant 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.

**Note**

See Section 8 for information about personal protective equipment for spills. Contact Accumetric, LLC if additional information is required.

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**Section 7. Handling and Storage**

**Storage**

Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture. This material in its finely divided form presents an explosion hazard. Follow NFPA 654 (for chemical dusts) or 484 (for metal dusts) as appropriate for managing dust hazards to minimize secondary explosion potential.

**Handling**

Use adequate ventilation. Product evolves acetic acid when exposed to water or humid air. Provide ventilation during use to control acetic acid within exposure guidelines or use respiratory protection. Avoid eye contact. Avoid skin contact.

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**Section 8. Exposure Controls/Personal Protection**

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amorphous silica</td>
<td>10 mg/m3</td>
<td>6 mg/m3</td>
<td>Not Est.</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated middle</td>
<td>5 mg/m3</td>
<td>5 mg/m3</td>
<td>10 mg/m3</td>
</tr>
</tbody>
</table>

**Personal Protective Equipment**

Goggles, Gloves

**Component Exposure Limits**

Component Name: Ethyltriacetoxysilane  
CAS Number: 17689-77-9  
Exposure Limits: See acetic acid comments

Component Name: Methyltriacetoxysilane  
CAS Number: 4253-34-3  
Exposure Limits: See acetic acid comments

Acetic acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm.

**Engineering Controls**

Local Ventilation: None should be needed  
General Ventilation: Recommended

**Eye Protection**

Use proper protection - safety glasses as a minimum.
Skin Protection

Wash at mealtimes and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

Suitable Gloves:
Handle in accordance with good industrial hygiene and safety practices.

Respiratory Protection

No respiratory protection should be needed.

Precautionary Measures

Avoid eye contact. Avoid skin contact. Use reasonable care.

Comment

Product evolves acetic acid when exposed to water or humid air. Provide ventilation during use to control acetic acid within exposure guidelines or use respiratory protection.

When heated to temperatures above 150C (300F) in the presence of air, product can form formaldehyde vapors. Physical and health hazard information is readily available on the Material Safety Data Sheet. When heated to temperatures above 150C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose throat, skin and digestive system. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA Permissible Exposure Limit for formaldehyde.

Note

These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions.

Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Paste</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Refer to product label</td>
</tr>
<tr>
<td>Odor</td>
<td>Acetic Acid</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient Water/n-octanol</td>
<td>No data available</td>
</tr>
<tr>
<td>VOC%</td>
<td>23 g/L</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.007</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>&gt;212F</td>
</tr>
<tr>
<td>FP Method</td>
<td>Closed Cup</td>
</tr>
<tr>
<td>Ph</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Property</td>
<td>Information</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>----------------------------------</td>
</tr>
<tr>
<td>Melting Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Boiling Range</td>
<td>Not applicable</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 applicable</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not classified as a flammability hazard</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No data available</td>
</tr>
</tbody>
</table>

**Note**

The above information is not intended for use in preparing product specifications. Contact Soudal Accumetric before writing specifications.

**Section 10. Stability and Reactivity**

- **Chemical Stability**: Stable
- **Hazardous polymerization**: Will not occur
- **Conditions to Avoid**: None known
- **Materials to Avoid / Incompatibility**: Oxidizing material can cause a reaction. Water, moisture or humid air can cause hazardous vapors to form as described in Section 8.
- **Hazardous Decomposition Products**: Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products:
  - Carbon oxides and traces of incompletely burned carbon compounds
  - Formaldehyde
  - Silicon dioxide

**Section 11. Toxicological Information**

- **Special Hazard Information** on Components: No known applicable information.

**Section 12. Ecological Information**

- **Fate and Effects in Waste**: Complete information is not yet available.
**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.

**RCRA Hazard Class (40 CFR 261)**

When a decision is made to discard this material, as received, is it classified as a hazardous waste? **NO**

State or local laws may impose additional regulatory requirements regarding disposal.

**Section 14. Transport Information**

**UN Number**

N/A

**UN Proper Shipping Name**

Not regulated

**DOT Classification**

Not regulated

**Packing Group**

Not regulated

**Ocean Shipment (IMDG)**

Not subject to IMDG code.

**Air Shipment (IATA)**

Not subject to IATA regulations.

**Section 15. Regulatory Information**


**TSCA Status**

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**SARA Title III Section 302 Extremely Hazardous Substances**

None

**SARA Title III Section 304 CERCLA Substances dangereuses**

None

**SARA Title III Section 311/312 Hazard Class**

Acute: No  
Chronic: No  
Fire: No  
Pressure: No  
Reactive: No
SARA Title III Section 313
Toxic Chemicals

None present or none present in regulated quantities.

Note
Chemicals are listed under the 313 Toxic Chemicals section only if they meet or exceed a reporting threshold.

California Proposition 65
This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm:
None known

New Jersey
Dimethyl siloxane, hydroxy-terminated (70131-67-8)
Ethyltriacetoxyisilane (17689-77-9)
Methyltriacetoxyisilane (4253-34-3)
Silica, amorphous (7631-86-9)
Hydrotreated middle petroleum distillates (64742-46-7)

Pennsylvania
Dimethyl siloxane, hydroxy-terminated (70131-67-8)
Silica, amorphous (7631-86-9)
Hydrotreated middle petroleum distillates (64742-46-7)

Section 16. Other Information

Revision Date
11/4/2015

Disclaimer
The data contained herein is based upon information that Soudal Accumatic 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.