Section 1. Identification

Product Identifier: BOSS® 180 Multi-Seal® Insulation Anchor Pin System Adhesive
Synonyms: 18071; 18001
Manufacturer Stock Numbers: 04224WH25; 04224WH10; C04072WH
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
Fax: (270) 765-2412
CHEMTREC

Section 2. Hazards Identification

Classification:
- EYE DAMAGE/IRRITATION - Category 2A
- HAZARDOUS TO THE AQUATIC ENVIRONMENT - LONG-TERM HAZARD - Category 3
- SENSITIZATION - SKIN - Category 1
- SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure) - Category 2

Signal Word: Warning

Pictogram: 

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Hazard Statements
- Causes serious eye irritation
- Harmful to aquatic life with long lasting effects
- 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.
- Avoid release to the environment.
- 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
None known

Section 3. Ingredients

<table>
<thead>
<tr>
<th>CAS</th>
<th>Ingredient Name</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>2224-33-1</td>
<td>Vinyl Oximino Silane</td>
<td>1% - 5%</td>
</tr>
<tr>
<td>22984-54-9</td>
<td>Methyl 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>
<tr>
<td>64741-44-2</td>
<td>Distillates (petroleum), straight-run 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 with water for 15 minutes.
Skin Contact
Remove from skin and immediately flush with water for 15 minutes. Get medical attention if irritation or ill effects develop or persist.

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

Ingestion
Get medical attention.

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. Use absorbent material to collect and contain material for disposal.

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.

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.

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>Vinyl Oximino Silane</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Methyl Oximino Silane</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Component</strong></td>
<td><strong>Personal Protective Equipment</strong></td>
<td><strong>Component Exposure Limits</strong></td>
<td><strong>Engineering Controls</strong></td>
</tr>
<tr>
<td>--------------</td>
<td>----------------------------------</td>
<td>------------------------------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>N-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane</td>
<td>N/A</td>
<td>Methyl ethyl ketoxime is formed upon contact with water or moisture in the air. Provide adequate ventilation to control exposures to within the exposure guideline of 2 ppm (TWA).</td>
<td>Local Ventilation: Recommended General Ventilation: Recommended</td>
</tr>
<tr>
<td>Dimethylpolysiloxane</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amorphous fumed silica</td>
<td>10 mg/m³ 6 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distillates (petroleum), straight-run middle</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th><strong>Property</strong></th>
<th><strong>Value</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical State</strong></td>
<td>Paste</td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>White</td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Slight</td>
</tr>
<tr>
<td><strong>Odor Threshold</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Solubility</strong></td>
<td>Dilutable in wet stage</td>
</tr>
<tr>
<td><strong>Partition coefficient Water/n-octanol</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>VOC%</strong></td>
<td>47 g/L</td>
</tr>
<tr>
<td><strong>Viscosity</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Specific Gravity</strong></td>
<td>1.3</td>
</tr>
<tr>
<td><strong>Density lbs/Gal</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Pounds per Cubic Foot</strong></td>
<td>N/A</td>
</tr>
</tbody>
</table>
### Flash Point
Not applicable

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>FP Method</td>
<td>N/A</td>
</tr>
<tr>
<td>Ph</td>
<td>N/A</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not determined</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 determined</td>
</tr>
<tr>
<td>Flammability</td>
<td>N/A</td>
</tr>
<tr>
<td>Decomposition Temp.</td>
<td>N/A</td>
</tr>
<tr>
<td>Auto-ignition Temp.</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined</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

- **Conditions to Avoid**: None known
- **Hazardous polymerization**: Will not occur
- **Materials to Avoid / Incompatibility**: Oxidizing material can cause a reaction.
- **Chemical Stability**: Stable

### Section 11. Toxicological Information

**Special Hazard Information on Component**
- Methyl Oximino Silane (22984-54-9) Possible skin sensitizer
- Vinyl Oximino Silane (2224-33-1) Possible skin sensitizer

**Component Toxicology Information**
- Methyl Ethyl Ketoxime (MEKO) is formed upon contact with water or humid air. Male rodents exposed to MEKO vapor throughout their lifetime developed liver tumors. Since many commonly used chemicals cause liver tumors in rats and mice, additional testing is planned by the MEKO supplier to determine any relevance to humans. Until more data is known, exposure levels should be maintained as low as achievable.

- **Carcinogenicity**: No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.
- **Mutagenicity**: This product is not known to be a mutagen.
- **Teratogenicity**: This product is not known to be teratogenic.
- **Reproductive Toxin**: This product is not known to be a reproductive toxin.
Section 12. Ecological Information

Environmental Effects
Complete information is not yet available.
Fate and Effects in Waste Water Treatment Plants
Complete information is not yet available.
Environmental Fate and Distribution
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.

Section 14. Transport Information

UN Number
N/A
UN Proper Shipping Name
Caulking & Glaziers, NOI
DOT Classification
None
Packing Group
N/A
Ocean Shipment (IMDG)
Not subject to IMDG code.

Section 15. Regulatory Information


TSCA Status
All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

SARA Title III Section 302 Extremely Hazardous Substances
None

SARA Title III Section 304 CERCLA Substances dangereuses
None

SARA Title III Section 312 Hazard Class
Acute: Yes
Chronic: Yes
Fire: No
Pressure: No
Reactive: No

SARA Title III Section 313 Toxic Chemicals
None present or none present in regulated quantities.
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

Massachusetts
Silica, amorphous fumed (112945-52-5)

New Jersey
Silica, amorphous (112945-52-5)
Dimethyl siloxane, hydroxy-terminated (70131-67-8)
Polydimethylsiloxane (63148-62-9)
Methyl tri (ethylmethylketoxime) silane (22984-54-9)
Calcium carbonate, treated (1317-65-3)
Vinyl oximino silane (2224-33-1)

Pennsylvania
Silica, amorphous (112945-52-5)
Dimethyl siloxane, hydroxy-terminated (70131-67-8)
Polydimethylsiloxane (63148-62-9)
Methyl tri (ethylmethylketoxime) silane (22984-54-9)
Calcium carbonate, treated (1317-65-3)
Vinyl oximino silane (2224-33-1)

Canada Domestic
Substances List
All ingredients are listed on the DSL.

Section 16. Other Information

Revision Date 10/30/2015

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.