



# Safety Data Sheet

## BOSS® 387 Universal Silicone

### Section 1. Identification

|                            |   |                            |                |
|----------------------------|---|----------------------------|----------------|
| Product Identifier         | BOSS® 387 Universal Silicone  |                            |                |
| Synonyms                   | 38720; 38701; 38700; 03572CL10; 03572WH10; 03577CL10                  |                            |                |
| Manufacturer Stock Numbers | 03572CL10; 03572WH10; 03577CL10                                       |                            |                |
| Recommended use            | Refer to Technical Information  |                            |                |
| Uses advised against       | Refer to Technical Information  |                            |                |
| Manufacturer Contact       |   |                            |                |
| Address                    | Soudal Accumetric<br>350 Ring Road<br>Elizabethtown, KY, 42701<br>USA |                            |                |
|                            | Phone   | Emergency Phone            | Fax            |
|                            | (270) 769-3385  | (800) 424-9300<br>CHEMTREC | (270) 765-2412 |

### Section 2. Hazards Identification

|                          |   |
|--------------------------|---|
| Classification           | N/A   |
| Signal Word              |   |
| Pictogram                |   |
| 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

Ingredients of unknown toxicity

0%

Hazards not Otherwise Classified

GHS Classification

Not a hazardous substance or mixture.

GHS Label Element

Not a hazardous substance or mixture.

Other hazards

None known

## Section 3. Ingredients

| CAS        | Ingredient Name                              | Weight %  |
|------------|--|-----------|
| 7631-86-9  | Amorphous silica                             | 5% - 10%  |
| 64742-46-7 | Distillates (petroleum), hydrotreated middle | 20% - 30% |

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

Get immediate medical attention. Only induce vomiting at the instructions of a physician. Never give anything by mouth to an unconscious person.

Inhalation

Material is not likely to present an inhalation hazard at ambient conditions. If material is heated or vapor are generated, care should be taken to prevent inhalation. In case of exposure to vapor, move to fresh air.

Skin Contact

Remove from skin and wash thoroughly with soap and water or waterless cleanser. Get medical attention if irritation or other ill effects develop or persist.

Eye Contact

Immediately flush with water for 15 minutes. Seek medical attention.

## 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

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

**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

Depending on color, may also evolve:  
Metal oxides

## Section 6. Accidental Release Measures

**Steps to be taken in case of spill or release** Observe all personal protection equipment recommendations. Wipe up 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 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.

## Section 7. Handling and Storage

**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. Avoid breathing vapors, mist, dust or fumes. Keep container closed. Do not take internally.

**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.

## Section 8. Exposure Controls/Personal Protection

| Occupational Exposure Limits | Ingredient Name                              | ACGIH TLV            | OSHA PEL            | STEL                 |
|------------------------------|--|----------------------|---------------------|----------------------|
|                              | Amorphous silica                             | 10 mg/m <sup>3</sup> | 6 mg/m <sup>3</sup> | Not Est.             |
|                              | Distillates (petroleum), hydrotreated middle | 5 mg/m <sup>3</sup>  | 5 mg/m <sup>3</sup> | 10 mg/m <sup>3</sup> |

**Personal Protective Equipment** Goggles, Gloves

## Exposure Controls

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: Recommended  
General Ventilation: Recommended

## Eye Protection

Safety goggles or glasses with side shields are recommended.

## 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

Use respiratory protection unless adequate exhaust ventilation is provided or exposure assessment demonstrates that exposures are within exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering controls.

### Suitable Respirator:

Respiratory protection is not needed under ambient conditions.

If vapor/mist/dust/fumes are generated when material is heated or handled, respiratory protection recommended. Follow OSHA Respirator Regulations (29 CFR 1910.134) and use NIOSH/MHSA approved respirator. Protection provided by air purifying respirators against exposure to any hazardous chemical limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure level are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

## Precautionary Measures

Avoid eye contact. Avoid skin contact. Avoid breathing vapor, mist, dust or fumes. Keep container closed. Do not take internally. 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.

## Note

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.

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

|                |                        |
|----------------|------------------------|
| Physical State | Paste                  |
| Color          | Refer to product label |
| Odor           | Acetic acid odor       |
| Odor Threshold | N/A                    |
| Solubility     | Not Determined         |

|                                       |                |
|---------------------------------------|----------------|
| Partition coefficient Water/n-octanol | N/A            |
| VOC%                                  | 24 g/L         |
| Viscosity                             | Not Determined |
| Specific Gravity                      | 0.96           |
| Density lbs/Gal                       | N/A            |
| Pounds per Cubic Foot                 | N/A            |
| Flash Point                           | Not Applicable |
| FP Method                             | N/A            |
| pH                                    | Not Determined |
| Melting Point                         | Not Determined |
| Boiling Point                         | Not Determined |
| Boiling Range                         | N/A            |
| LEL                                   | N/A            |
| UEL                                   | N/A            |
| Evaporation Rate                      | N/A            |
| Flammability                          | N/A            |
| Decomposition Temperature             | N/A            |
| Auto-ignition Temperature             | N/A            |
| Vapor Pressure                        | Not Determined |
| Vapor Density                         | Not Determined |

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

## Section 10. Stability and Reactivity

|                                      |   |
|--------------------------------------|---|
| 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. |
| Conditions to avoid                  | None known  |
| Hazardous polymerization             | Will not occur  |
| Chemical Stability                   | Stable  |

## Section 11. Toxicological Information

Special Hazard Information on Components No known applicable information.

## Section 12. Ecological Information

|  |  |
|--|--|
| Fate and Effects in Waste Water Treatment Plants | Complete information is not yet available. |
| Environmental Effects                            | 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 | Not regulated                    |
| DOT Classification      | Not regulated                    |
| Packing Group           | Not regulated                    |
| Air Shipment (IATA)     | Not subject to IATA regulations. |
| Ocean Shipment (IMDG)   | Not subject to IMDG code.        |

## Section 15. Regulatory Information

|   |  |
|---|--|
|   | The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.                               |
| 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 Titre III Section 304 CERCLA Substances dangereuses  | None   |
| SARA Title III Section 312 Hazard Class                   | Acute: Yes<br>Chronic: No<br>Fire: No<br>Pressure: No<br>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.

Massachusetts

Silica, amorphous (7631-86-9)

Depending on color, may also contain:

Titanium dioxide (13463-67-7)

New Jersey

Dimethyl siloxane, hydroxy-terminated (70131-67-8)

Ethyltriacetoxysilane (17689-77-9)

Hydrotreated medium petroleum distillates (64742-46-7)

Methyltriacetoxysilane (4253-34-3)

Silica, amorphous (7631-86-9)

Depending on color, may also contain:

Carbon black (1333-86-4)

Titanium dioxide (13463-67-7)

Pennsylvania

Dimethyl siloxane, hydroxy-terminated (70131-67-8)

Hydrotreated medium petroleum distillates (64742-46-7)

Silica, amorphous (7631-86-9)

Depending on color, may also contain:

Titanium dioxide (13463-67-7)

California Prop 65

Clear

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Black

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Other Colors

WARNING: This product can expose you to chemicals including Titanium Dioxide, which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Section 16. Other Information

Revision Date

6/1/2018

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.