



# Safety Data Sheet

## BOSS® 370 HVAC Silicone

### Section 1. Identification

Product Identifier	BOSS® 370 HVAC Silicone		
Synonyms	37003; 37002; 37001; 37000		
Manufacturer Stock Numbers	02260CL10; 02260WH10; 02260BK10; 02260AL10		
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	Emergency Phone	Fax
	(270) 769-3385	(800) 424-9300 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 %
64742-46-7	Distillates (petroleum), hydrotreated middle	20% - 30%
7631-86-9	Amorphous silica	5% - 10%

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

### Section 4. First-Aid Measures

**Eye Contact** Rinse with water for 15 minutes. Obtain medical attention.

**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.

**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.

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

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

### Section 5. Fire Fighting Measures

**Suitable Extinguishing Media** N/A

**Unsuitable Extinguishing Media** N/A

**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.

**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

**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

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

## Section 8. Exposure Controls/Personal Protection

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

**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.
Respiratory Protection	<p>Suitable Gloves: Handle in accordance with good industrial hygiene and safety practices.</p> <p>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.</p> <p>Suitable Respirator: Respiratory protection is not needed under ambient conditions.</p> <p>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.</p>
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.

<b>Section 9. Physical and Chemical Properties</b>
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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	Not Determined
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 No known applicable information.  
on Components

## 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 Title III Section 304 CERCLA Substances dangereuses	None
SARA Title III Section 312 Hazard Class	Acute: Yes 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

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)

## **Section 16. Other Information**

Revision Date

11/9/2015

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.