



Safety Data Sheet

BOSS® 376 Hi-Temp HVAC/R Silicone

Section 1. Identification

Product Identifier BOSS® 376 Hi-Temp HVAC/R Silicone
Synonyms 37610
Manufacturer Stock Numbers 02737RD10

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
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	5% - 10%
7631-86-9	Amorphous silica	5% - 10%

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 No first aid should be needed.

Inhalation Remove to fresh air. No first aid should be needed.

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 N/A

Unsuitable Extinguishing Media N/A

Comment When temperatures above 150°C 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 Limits for formaldehyde.

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
Metal oxides

Unusual Fire or Explosion Hazards 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.
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
Auto-ignition Temperature	Not determined

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.

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.

Section 8. Exposure Controls/Personal Protection

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

Personal Protective Goggles, Gloves

Equipment	
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.
Respiratory protection	No respiratory protection should be needed with good local ventilation.
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: Silver Shield® 4H®
Note	These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions. For further information regarding aerosol inhalation toxicity, please refer to the guidance document regarding the use of silicone-based materials in aerosol applications that has been developed by the silicone industry (www.SEHSC.com).

Section 9. Physical and Chemical Properties
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Physical State	Paste
Color	Red
Odor	Acetic Acid Odor
Odor Threshold	N/A
Solubility	Not Determined
Partition coefficient Water/n-octanol	N/A
VOC%	23 g/L
Viscosity	Not Determined
Specific Gravity	1.032
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 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

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.

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 Iron oxide (1309-37-1)
Silica, amorphous (7631-86-9)

New Jersey Dimethyl siloxane, hydroxy-terminated (70131-67-8)
Ethyltriacetoxysilane (17689-77-9)
Hydrotreated middle petroleum distillates (64742-46-7)
Iron oxide (1332-37-2)
Methyltriacetoxysilane (4253-34-3)
Polydimethylsiloxane (63148-62-9)
Silica, amorphous (7631-86-9)

Pennsylvania Dimethyl siloxane, hydroxy-terminated (70131-67-8)
Hydrotreated middle petroleum distillates (64742-46-7)
Iron oxide (1332-37-2)
Polydimethylsiloxane (63148-62-9)
Silica, amorphous (7631-86-9)

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.