Safety Data Sheet

BOSS® 376 Hi-Temp HVAC/R Silicone

Section 1. Identification

Product Identifier	BOSS® 376 Hi-Temp HVAC/R Silicone
Synonyms	37610; 02737RD10
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	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	
Hazard classification	This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.
Other hazards	None known

Section 3. Ingredients

CAS	Ingredient Name	Weight %
Mixture	Contains no hazardous ingredients according to GHS	100 %

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

Section 4. First-Aid Measures

Description of first aid measures	General advice: If potential for exposure exists refer to Section 8 for specific personal protective equipment. Inhalation Move person to fresh air; if effects occur, consult a physician. Skin contact Wash off with plenty of water. Eye contact Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist. Ingestion No emergency medical treatment necessary.
Most important symptoms and effects, both acute and delayed	Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.
Indication of any immediate medical attention and special treatment needed	Notes to physician No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Water spray, Alcohol-resistant foam, Carbon dioxide (CO2), Dry chemical
Unsuitable Extinguishing Media	None known
Special hazards arising from the substance or mixture	Hazardous combustion products Carbon oxides Silicon oxides Unusual Fire and Explosion Hazards Exposure to combustion products may be a hazard to health.
Advice for firefighters	Fire Fighting Procedures Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area. Special protective equipment for firefighters Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Follow safe handling advice and personal protective equipment recommendations.
Environmental precautions	Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for containment and cleaning up	Wipe up or scrape up and contain for salvage or disposal. Local or national 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 regulations are applicable. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, Sections 13 and 15 of this SDS provide information regarding certain local or national requirements. See sections: 7, 8, 11, 12 and 13.

Section 7. Handling and Storage

Precautions for safe handling	Take care to prevent spills, waste and minimize release to the environment. Handle in accordance with good industrial hygiene and safety practice. Use only with adequate ventilation. See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Conditions for safe storage	Keep in properly labeled containers. Store in accordance with the particular national regulations. Do not store with the following product types: Strong oxidizing agents.

Unsuitable materials for containers:
None known.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
Contains no hazardous ingredients according to GHS	N/A	N/A	N/A

Personal Protective Equipment

Goggles

Control parameters

If exposure limits exist, they are listed below. If no exposure limits are displayed, then no values are applicable.

Although some of the components of this product may have exposure guidelines, no exposure would be expected under normal handling conditions due to the physical state of the material.

Exposure controls

Engineering controls:
Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

Individual protection measures

Eye/face protection
Use safety glasses (with side shields).

Skin protection
Hand protection
Chemical protective gloves should not be needed when handling this material. Consistent with general hygienic practice for any material, skin contact should be minimized.

Other protection
No precautions other than clean body-covering clothing should be needed.

Respiratory protection
Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions, no respiratory protection should be needed; however, if handling at elevated temperatures without sufficient ventilation, use an approved air-purifying respirator.
The following should be effective types of air-purifying respirators: Organic vapor cartridge.

Section 9. Physical and Chemical Properties

Physical State	Paste
Color	Red
Odor	Acetic acid
Odor Threshold	No data available
Solubility	No data available
Partition coefficient Water/n-octanol	No data available
VOC%	23 g/L
Viscosity	Not applicable
Specific Gravity	1.007
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	> 100C
FP Method	Closed cup
pH	Not applicable
Melting Point	No data available
Boiling Point	Not applicable
Boiling Range	Not applicable
LEL	N/A
UEL	N/A
Evaporation Rate	Not applicable
Flammability	Not classified as a flammability hazard
Decomposition Temperature	No data available
Auto-ignition Temperature	No data available
Vapor Pressure	Not applicable
Vapor Density	No data available

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

Section 10. Stability and Reactivity

Reactivity	Not classified as a reactivity hazard.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Can react with strong oxidizing agents. When heated to temperatures above 150 °C (300 °F) in the presence of air, trace quantities of formaldehyde may be released. Adequate ventilation is required.
Conditions to avoid	None known
Incompatible materials	Oxidizing agents
Hazardous decomposition products	Formaldehyde

Section 11. Toxicological Information

	Toxicological information appears in this section when such data is available.
Acute toxicity	Acute oral toxicity Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts. As product: Single dose oral LD50 has not been determined. Based on information for component(s): LD50, Rat, > 5,000 mg/kg Estimated. Acute dermal toxicity Prolonged skin contact is unlikely to result in absorption of harmful amounts. As product: The dermal LD50 has not been determined. Based on information for component(s): LD50, Rabbit, > 2,000 mg/kg Estimated. Acute inhalation toxicity Brief exposure (minutes) is not likely to cause adverse effects. Vapor from heated material may cause respiratory irritation. As product: The LC50 has not been determined.
Skin corrosion/irritation	Prolonged exposure not likely to cause significant skin irritation.
Serious eye damage/eye irritation	May cause slight temporary eye irritation. Corneal injury is unlikely. May cause mild eye discomfort.
Sensitization	For skin sensitization: Contains component(s) which did not cause allergic skin sensitization in guinea pigs. For respiratory sensitization: No relevant information found.
Specific Target Organ Systemic Toxicity	Single Exposure Evaluation of available data suggests that this material is not an STOT-SE toxicant.

	Repeated Exposure For the major component(s): Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects. Contains an additional component(s) that is/are encapsulated in the product and are not expected to be released under normal processing conditions or foreseeable emergency.
Carcinogenicity	For this family of materials: Did not cause cancer in long-term animal studies which used routes of exposure considered relevant to industrial handling. Positive results have been reported in other studies using routes of exposure not relevant to industrial handling.
Teratogenicity	Contains component(s) which did not cause birth defects or any other fetal effects in lab animals.
Reproductive toxicity	Contains component(s) which did not interfere with reproduction in animal studies.
Mutagenicity	Contains a component(s) which were negative in in vitro genetic toxicity studies. Contains component(s) which were negative in animal genetic toxicity studies.
Aspiration Hazard	Based on physical properties, not likely to be an aspiration hazard.

Section 12. Ecological Information

	Ecotoxicological information appears in this section when such data is available.
Toxicity	No data available.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.

Section 13. Disposal

Disposal methods	DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION: Composition Information. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Recycler. Reclaimer. Incinerator or other thermal destruction device. For additional information, refer to: Handling & Storage Information, MSDS Section 7 Stability & Reactivity Information, MSDS Section10 Regulatory Information, MSDS Section 15
Treatment and disposal methods of used	Empty containers should be recycled or otherwise disposed of by an approved waste management facility. Waste characterizations and compliance with

packaging	applicable laws are the responsibility solely of the waste generator. Do not re-use containers for any purpose.

Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Not regulated for transport
DOT Classification	Not regulated for transport
Packing Group	Not regulated for transport
	This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

Section 15. Regulatory Information

SARA Sections 311 and 312	No SARA Hazards
SARA Section 313	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
CERCLA Section 103	Calculated RQ exceeds reasonably attainable upper limit. Components Acetic acid (64-19-7) 5000 lbs RQ Acetic anhydride (108-24-7) 5000 lbs RQ
Pennsylvania Right To Know	The following chemicals are listed because of the additional requirements of Pennsylvania law: Polydimethylsiloxane hydroxy-terminated (70131-67-8) Silicon dioxide (7631-86-9)
California Prop. 65	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
United States TSCA Inventory (TSCA)	All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Section 16. Other Information

Revision Date	2/28/2018
HMIS and NFPA Rating	HMIS Health: 0 Fire: 1 Reactivity: 0

NFPA
Health: 0
Fire: 1
Reactivity: 0

Hazard Scale:
0 = Minimal
1 = Slight
2 = Moderate
3 = Serious
4 = Severe
* = Chronic hazard

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.