



# Safety Data Sheet

## BOSS® 802 Pool & Spa Silicone

### Section 1. Identification

Product Identifier	BOSS® 802 Pool & Spa Silicone		
Synonyms	80251; 80250; 80201; 80200; 02506CL10; 02506WH10; 02699CL01; 02699WH01		
Manufacturer Stock Numbers	02506CL10; 02506WH10; 02699CL01; 02699WH01		
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 %
7631-86-9	Amorphous silica	6% - 9%

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

## Section 4. First-Aid Measures

If inhaled	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
In case of skin contact	Wash with water and soap as a precaution. Get medical attention if symptoms occur.
In case of eye contact	Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.
If swallowed	If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.
Most important symptoms and effects, both acute and delayed	None known
Protection of first-aiders	No special precautions necessary for first aid responders.
Notes to physician	Treat symptomatically and supportively.

## Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Water spray, Alcohol-resistant foam, Carbon dioxide (CO2), Dry chemical
Unsuitable Extinguishing Media	None known
Specific hazards during fire fighting	Exposure to combustion products may be a hazard to health.

Hazardous decomposition products	Carbon oxides Silicon oxides Formaldehyde
Specific extinguishing methods	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 fire-fighters	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	Soak up with inert absorbent material. 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. Clean up remaining materials from spill with suitable absorbent. 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. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

## Section 7. Handling and Storage

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

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
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## Limits

Amorphous silica	10 mg/m <sup>3</sup>	6 mg/m <sup>3</sup>	Not Est.
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## Personal Protective Equipment

Goggles

## Note

The substance(s) listed below are inextricably bound in the product and therefore do not contribute to a dust inhalation hazard:

Silicon dioxide

## Engineering measures

Processing may form hazardous compounds (see section 10).  
Ensure adequate ventilation, especially in confined areas.  
Minimize workplace exposure concentrations.

## Personal protective equipment

Respiratory protection  
No personal respiratory protective equipment normally required.

Hand protection  
Wash hands before breaks and at the end of workday.

Eye protection  
Wear the following personal protective equipment: Safety glasses

Skin and body protection  
Skin should be washed after contact.

Hygiene measures  
Ensure that eye flushing systems and safety showers are located close to the working place.  
When using do not eat, drink or smoke.  
Wash contaminated clothing before re-use.  
These precautions are for room temperature handling. Use at elevated temperature handling. Use are elevated temperature 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 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	>100C
Boiling Range	N/A
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	Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Acetic acid is formed upon contact with water or humid air. When heated to temperatures above 150C (300F) in the presence of air, trace quantities of formaldehyde may be released. Adequate ventilation is required. See OSHA formaldehyde standard, 29 CFR 1910.1048 Hazardous decomposition products will be formed at elevated temperatures.
Conditions to avoid	None known
Incompatible materials	Oxidizing agents
Hazardous decomposition products	Thermal decomposition: Formaldehyde

# Section 11. Toxicological Information

Information on likely routes of exposure Skin contact  
Ingestion

Eye contact

Acute toxicity

Not classified based on available information.

Ingredients:

Silicon dioxide:

Acute oral toxicity

LD50 (Rat): > 3,300 mg/kg

Assessment: The substance or mixture has no acute oral toxicity

Remarks: Information taken from reference works and the literature.

Acute inhalation toxicity

LC50 (Rat): > 2.08 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Assessment: The substance or mixture has no acute inhalation toxicity

Remarks: Information taken from reference works and the literature.

Acute dermal toxicity

LD50 (Rabbit): > 5,000 mg/kg

Assessment: The substance or mixture has no acute dermal toxicity

Remarks: Information taken from reference works and the literature.

Skin corrosion/irritation

Not classified based on available information.

Product:

Result: No skin irritation

Remarks: Based on data from similar materials

Ingredients:

Silicon dioxide:

Result: No skin irritation

Remarks: Information taken from reference works and the literature

Serious eye damage/eye irritation

Not classified based on available information.

Product:

Result: No eye irritation

Remarks: Based on data from similar materials

Ingredients:

Silicon dioxide:

Result: No eye irritation

Remarks: Information taken from reference works and the literature.

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Ingredients:

Silicon dioxide:

Assessment: Does not cause skin sensitization.

Test Type: Skin: test type not specified

Species: Guinea pig

Result: negative

Remarks: Information taken from reference works and the literature.

Germ cell mutagenicity

Not classified based on available information.

Ingredients:

Silicon dioxide:

Genotoxicity in vitro

Result: negative

Remarks: Information taken from reference works and the literature.

Genotoxicity in vivo

Application Route: Ingestion

Result: negative

Remarks: Information taken from reference works and the literature.

Germ cell mutagenicity - Assessment

Animal testing did not show any mutagenic effects.

Carcinogenicity

Not classified based on available information.

IARC

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

## Section 12. Ecological Information

Ecotoxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential	No data available
Mobility in soil	No data available.
Other adverse effects	No data available

## Section 13. Disposal

Resource Conservation and Recovery Act (RCRA)	This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form.
Waste from residues	Dispose of in accordance with all applicable local, state and federal regulations.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.

## Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Not regulated as a dangerous good
DOT Classification	Not regulated as a dangerous good
Packing Group	Not regulated as a dangerous good
International Regulations	UNRTDG Not regulated as a dangerous good
	IATA-DGR Not regulated as a dangerous good
	IMDG-Code Not regulated as a dangerous good
	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable for product as supplied.
Domestic regulation	49 CFR Not regulated as a dangerous good

## Section 15. Regulatory Information

CERCLA Reportable Quantity	Acetic acid (64-19-7) Component RQ (lbs): 5000 Calculated RQ exceeds reasonably attainable upper limit.
	Acetic anhydride (108-24-7) Component RQ (lbs): 5000 Calculated RQ exceeds reasonably attainable upper limit.
SARA 304 Extremely Hazardous Substances Reportable Quantity	This material does not contain any components with a section 304 EHS RQ.



SARA 302 Extremely  
Hazardous Substances  
Reportable Quantity

This material does not contain any components with a SARA 302 EHS TPQ.

SARA 311/312 Hazards  
SARA 313

No SARA Hazards

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.

US State Regulations

Pennsylvania Right To Know

Dimethyl siloxane, hydroxy-terminated 70131-67-8

Silicon dioxide 7631-86-9

Acetic acid 64-19-7

Acetic anhydride 108-24-7

California List of Hazardous Substances

Silicon dioxide 7631-86-9

California Permissible Exposure Limits for Chemical Contaminants

Silicon dioxide 7631-86-9

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)

The ingredients of this  
product are reported in the  
following inventories

REACH

For purchases from Soudal Accumetric EU legal entities, all ingredients are currently pre/registered or exempt under REACH. Please refer to section 1 for recommended uses. For purchases from non-EU Soudal Accumetric legal entities with the intention to export into EEA please contact your Soudal Accumetric representative/local office.

TSCA

All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

AICS

All ingredients listed or exempt.

IECSC

All ingredients listed or exempt.

PICCS

All ingredients listed or exempt.

## DSL

All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL).

# Section 16. Other Information

Revision Date 6/8/2018

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.