

# MSDS Document

## Product BOSS® 100 Multi-Seal Building/Construction Sealant

### 1. Chemical Product and Company Identification

**Trade Name of this Product** BOSS® 100 Multi-Seal Building/Construction Sealant

**Synonyms:** 03993ST01-CC01, 03993LS01, 03993GY01, 03993WH01, 04013LS10, 04013GY10, C04306GY, C04306LS, C04306ST-CC01, C04306WH

**MSDS ID** BOSS100

**Manufacturer**

Accumetric, LLC  
350 Ring Road  
Elizabethtown, KY 42701

**Phone Number**

(270) 769-3385

**Emergency Phone**

CHEMTREC (800) 424-9300

**Revision Date** 10/13/2010

Health:	1
Fire:	1
Reactivity:	0
Specific	

### 2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Calcium carbonate	1317-65-3	25% - 55%	10 mg/m3	5 mg/m3	
Polymer	Proprietary, non-haz	10% - 30%			
Plasticizer	Proprietary, non-haz	10% - 30%			
N-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane	1760-24-3	3% - Max			
Vinyltrimethoxysilane	2768-02-7	3% - Max			

### 3. Hazard Identification

**Primary Routes of Entry**

Inhalation, skin contact

**Eye Contact**

Direct eye contact irritates slightly with redness and swelling.

**Skin Contact**

A single short exposure may cause irritation. Repeated prolonged exposure may cause mild irritation.

**Inhalation**

Inhalation of vapor may irritate respiratory tract and nasal passage. Prolonged inhalation of vapors may cause adverse effects on the central nervous system, including dizziness, nausea and vomiting.

**Ingestion**

There are no known symptoms of ingestion.

**4. First Aid Information****Eye Contact**

Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation develops.

**Skin Contact**

Remove from skin and immediately flush with water for 15 minutes. Get medical attention if irritation or ill effects develop or persist.

**Inhalation**

Remove to fresh air. If symptoms persist, obtain appropriate medical attention.

**Ingestion**

DO NOT INDUCE VOMITING. Seek immediate medical attention.

**Comments**

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

**5. Fire Fighting Measures**

**Flash Point** 200C

**Flammability Limits in Air**

Not determined

**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.

**Special Fire Fighting Procedures**

Fire responders must wear self-contained breathing apparatus and full protective

equipment. Move fire-exposed containers if it can be done without risk to firefighters. If possible, control water run-off to prevent environmental contamination.

#### **Unusual Fire and Explosion Hazards**

When involved in a fire, this material may decompose and produce the following toxic gases: carbon monoxide, carbon dioxide, nitrogen oxides, aldehydes, silicon dioxide, and various polymer compounds. Contact with water will release small quantities of flammable methanol.

## **6. Accidental Release Measures**

#### **Steps to be taken in case of spill or release**

Observe all personal protective equipment recommendations as described in Section 8. Scrape all spilled materials for disposal. This material is not classified as a hazardous waste per 40 CFR 261.

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.

## **7. Handling and Storage**

#### **Handling**

Avoid breathing vapors in top of shipping container. Keep container closed. Use with adequate ventilation. Avoid contact with skin and clothing. Wash thoroughly after handling.

#### **Storage**

Keep container closed and store in a cool, well ventilated area, away from water or moisture.

## **8. Exposure Controls and Personal Protection**

#### **Eye Protection**

Use proper protection - safety glasses as a minimum.

#### **Skin Protection**

Wash at mealtimes and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool water. Chemical protective gloves are recommended.

#### **Ventilation**

Local exhaust ventilation is recommended to maintain vapor level below TLV.

#### **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.

#### **Note**

These precautions are for room temperature handling. Use at elevated temperatures or

aerosol/spray applications may require added precautions.

## 9. Physical and Chemical Properties

<b>Physical State</b>	Paste
<b>Specific Gravity</b>	1.55
<b>Color/Appearance</b>	Various
<b>Odor</b>	Slight
<b>Boiling/Cond. Point</b>	Not determined
<b>Melting/Freezing Point</b>	Not determined
<b>Solubility</b>	Water dilutable in wet stage
<b>Evaporation Rate</b>	Not determined
<b>VOC %</b>	10 g/L
<b>Vapor Density</b>	Not determined
<b>Vapor Pressure</b>	Not determined

### Note

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

## 10. Stability and Reactivity

### Chemical Stability

Stable

### Hazardous Polymerization

Will not occur

### Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products:

Carbon monoxide  
Carbon dioxide  
Nitrogen oxides  
Aldehydes  
Silicon Dioxide  
Various polymer compounds

### Materials to Avoid

Oxidizing acids, amines, strong caustics, water

### Conditions to Avoid

Contact with incompatible materials and exposure to extreme temperatures.

## 11. Toxicological Information

### Carcinogenicity

This product is not known to be a carcinogen.

### Teratogenicity

This product is not known to be a teratogen.

**Mutagenicity**

This product is not known to be a mutagen.

**Reproductive Toxin**

This product is not known to be a reproductive toxin.

**12. Ecological Information**

**Environmental Fate and Distribution**

Complete information is not yet available.

**Environmental Effects**

Complete information is not yet available.

**Fate and Effects in Waste Water Treatment Plants**

Complete information is not yet available.

**13. Disposal Considerations**

**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.

**14. Transportation Information**

**DOT Road Shipment Information**

DOT(USA): Caulking & Glaziers, NOI

DOT Hazard Classification: None

UN/NA Number: Not applicable

Label Required: None

Marine Pollutant: None

**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 Hazardous Substances**

None

**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

**Canada Domestic Substances List**

All ingredients are listed on the DSL.

## 16. Other Information

**Disclaimer**

The data contained herein is based upon information that Accumetric LLC 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 to 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.