

# MSDS Document

## Product BOSS® 381 RTV Silicone GP Construction Sealant

### 1. Chemical Product and Company Identification

**Trade Name of this Product** BOSS® 381 RTV Silicone GP Construction Sealant

**Synonyms:** 02731CL10, 02731WH10

**MSDS ID** BOSS381

**Manufacturer**

Accumetric, LLC  
350 Ring Road  
Elizabethtown, KY 42701

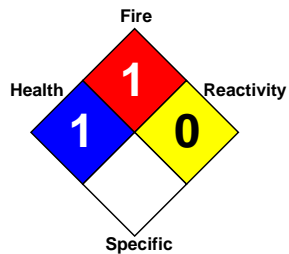
**Phone Number**

(270) 769-3385

**Emergency Phone**

CHEMTREC (800) 424-9300

**Revision Date** 12/17/2009



### 2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Methyltriacetoxysilane	4253-34-3	1% - 5%	TWA 10ppm	TWA 10ppm	15ppm
Ethyltriacetoxysilane	17689-77-9	1% - 5%	TWA 10ppm	TWA 10ppm	15ppm
Distillates (petroleum), hydrotreated middle	64742-46-7	<= 7.0 %	5 mg/m3	5 mg/m3	10 mg/m3

### 3. Hazard Identification

**Eye Contact**

Direct contact may cause moderate irritation.

**Skin Contact**

Limited exposure may cause moderate irritation. Repeated or prolonged contact may cause defatting and drying of skin which may result in skin irritation and dermatitis.

**Inhalation**

Material is not likely to present an inhalation hazard at ambient conditions. However, if

material is heated or high vapor/aerosol concentrations are attained, central nervous system depression may occur, which is characterized by drowsiness, dizziness, confusion or loss of coordination.

**Ingestion**

May cause vomiting. Aspiration of liquid while vomiting may injure lungs seriously. No known effects associated with repeated or prolonged exposure.

**Symptoms of Overexposure**

No known applicable information.

**Existing Conditions Aggravated by Exposure**

No known applicable information.

**Note**

The above listed potential effects are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for detailed toxicology information.

**4. First Aid Information**

**Eye Contact**

Immediately flush with water for 15 minutes. Seek 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/mist/dust/fumes are generated, care should be taken to prevent inhalation. In case of exposure to vapor/mist/dust/fumes, 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.

**5. Fire Fighting Measures**

**Flash Point** >212F / >100C

**FP Method** Closed Cup

**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

## **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.

## **7. Handling and Storage**

#### **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.

#### **Storage**

Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture.

## 8. Exposure Controls and Personal Protection

### 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.

Suitable Gloves:

Nitrile Rubber. Butyl Rubber.

### 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.

Suitable Respirator:

Respiratory protection is not needed under ambient conditions.

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.

### 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

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>	1.007
<b>Color/Appearance</b>	Various
<b>Odor</b>	Acetic acid odor
<b>pH</b>	Not determined
<b>Boiling/Cond. Point</b>	Not determined
<b>Melting/Freezing Point</b>	Not determined
<b>Solubility</b>	Not determined
<b>Evaporation Rate</b>	Not determined
<b>VOC %</b>	30 g/L
<b>Viscosity</b>	Not determined
<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

### Conditions to Avoid

None known

### Materials to Avoid / Incompatibility

Oxidizing material can cause a reaction. Water, moisture or humid air can cause hazardous vapors to form.

## 11. Toxicological Information

### Special Hazard Information on Components

No known applicable information.

## 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

Not subject to DOT.

#### Ocean Shipment (IMDG)

Not subject to IMDG code.

#### Air Shipment (IATA)

Not subject to IATA regulations.

### 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 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)

#### **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)

#### **Pennsylvania**

Dimethyl siloxane, hydroxy-terminated (70131-67-8)

Hydrotreated medium petroleum distillates (64742-46-7)

Silica, amorphous (7631-86-9)

## **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.