

# MSDS Document

## Product BOSS® 362 Siliconized Acrylic Latex

### 1. Chemical Product and Company Identification

**Trade Name of this Product** BOSS® 362 Siliconized Acrylic Latex

**Synonyms:** 02071WH10, 02071CL10, 02071AM10, 03205WH10, C39023CL, C39010AM, C39010WH, C39023WH, C39010CHR, C39010IV, C39010OAK, C39010SAGE, C39010SMP, C39010SR, C39010WN

**MSDS ID** BOSS362c

**Manufacturer**

Accumetric, LLC  
350 Ring Road  
Elizabethtown, KY 42701

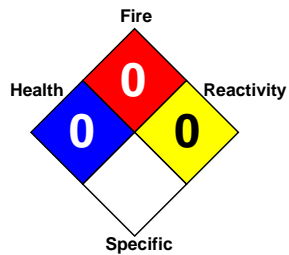
**Phone Number**

(270) 769-3385

**Emergency Phone**

CHEMTREC (800) 424-9300

**Revision Date** 1/8/2009



<b>Health:</b>	0
<b>Fire:</b>	0
<b>Reactivity:</b>	0
<b>Specific</b>	

### 2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Calcium Carbonate	471-34-1	35% - 65%	10 mg/m3	5 mg/m3	
Vinyl acetate/acrylic copolymer	Proprietary	10% - 20%			
Phthalate plasticizer	Proprietary	5% - 10%			
Acrylic resin	Proprietary	4% - 10%			
Distillates (petroleum), hydrotreated middle	64742-46-7	< 5.0 %	5 mg/m3	5 mg/m3	10 mg/m3
Ethylene Glycol	107-21-1	< 1.0 %	50 mg/m3	40 ppm	40 ppm

### 3. Hazard Identification

**Health Hazards**

The principle volatile component is water. Minor volatile components from the emulsion

may cause headache and nausea. Prolonged and repeated skin contact can cause irritation. Treatment of overexposure should be directed at the control of symptoms and clinical condition.

**Eye Contact**

Direct contact may cause moderate irritation.

**Skin Contact**

No significant effects expected from a single short-term exposure.

**Inhalation**

Trace component and residual monomer may cause headache, nausea, and irritation of the nose, throat, and lungs in poorly ventilated areas.

**Ingestion**

No significant effects expected from a single short term exposure.

**Existing Conditions Aggravated by Exposure**

No known applicable information.

**Symptoms of Overexposure**

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 large amounts of water. If irritation occurs, seek medical attention.

**Skin Contact**

Wash affected area with soap and water.

**Inhalation**

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

**Ingestion**

No first aid should be needed.

## 5. Fire Fighting Measures

**Flash Point**

Not determined

**Extinguishing Media**

Alcohol Foam, Carbon Dioxide, Dry Chemical, Foam, Water Fog

**Flammability: TDGR Class**

Sensitivity to impact

Sensitivity to static discharge

#### **Special Fire Fighting Procedures**

Non-flammable (aqueous emulsion). After water evaporates, remaining material will burn. Breathing apparatus required when fighting fires in enclosed areas.

#### **Unusual Fire or Explosion Hazards**

Product will not burn, but may splatter if temperature exceeds boiling point of water. Dried solids can burn, giving off oxides of carbon.

## **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.

## **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**

Store in a cool dry place. Protect from freezing and excessive heat.

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

#### **Engineering Controls**

Local Ventilation: Recommended  
General Ventilation: Recommended

#### **Eye Protection**

Chemical goggles if liquid contact is likely, or safety glasses with side shields.

#### **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®

### 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:

General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits as determined by air sampling or are unknown, appropriate respiratory protection should be worn. Follow OSHA Respirator Regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

### Ventilation

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

### 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](http://www.SEHSC.com)).

## 9. Physical and Chemical Properties

Physical State	Paste
Specific Gravity	1.64
Color/Appearance	Various
Odor	Slight
pH	7.85
Boiling/Cond. Point	100C
Melting/Freezing Point	0C
Solubility	Dilutable in wet stage
Evaporation Rate	Slower than n-Butyl acetate
VOC %	0.67% (by weight) 11 g/L
Percent Volatile	18%
Vapor Density	Lighter than air
Vapor Pressure	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**

None known

**11. Toxicological Information**

**Special Hazard Information on Components**

No known applicable information.

**Component Toxicology Information**

No known applicable information.

**12. Ecological Information**

**Environmental Effects**

Complete information is not yet available.

**Environmental Fate and Distribution**

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.

**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

**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.