

# MSDS Document

## Product BOSS® 803 Neutral Cure Silicone Adhesive/Grout

### 1. Chemical Product and Company Identification

**Trade Name of this Product** BOSS® 803 Neutral Cure Silicone Adhesive/Grout

**Synonyms:** 02588CL12, 02542WH12, 80331, 80333

**MSDS ID** BOSS803

**Manufacturer**

Accumetric, LLC  
350 Ring Road  
Elizabethtown, KY 42701

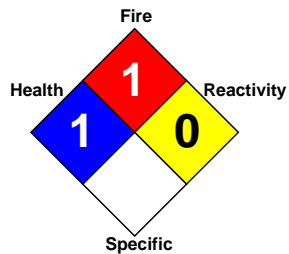
**Phone Number**

(270) 769-3385

**Emergency Phone**

CHEMTREC (800) 424-9300

**Revision Date** 10/16/2006



<b>Health:</b>	1
<b>Fire:</b>	1
<b>Reactivity:</b>	0
<b>Specific</b>	

### 2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Polydimethylsiloxane diol	70131-67-8	40% - 80%			
Dimethylpolysiloxane	63148-62-9	10% - 20%			
Amorphous fumed silica	112945-52-5	5% - 10%	10 mg/m <sup>3</sup>	6 mg/m <sup>3</sup>	
Methyl Oximino Silane	22984-54-9	1% - 5%			
Gamma-aminopropyl triethoxysilane	919-30-2	2% - Max			

### 3. Hazard Identification

**Eye Contact**

Direct eye contact irritates slightly with redness and swelling.

**Skin Contact**

A single short term exposure (less than 24 hours) may irritate. Repeated prolonged contact (24 to 48 hours) may irritate moderately. Product contains oximes which are possible skin sensitizers.

**Inhalation**

Vapor overexposure may cause drowsiness, injure blood, liver and may irritate eyes, nose, and throat.

**Ingestion**

Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing large amounts may injure slightly.

**Existing Conditions Aggravated by Exposure**

No known applicable information.

**Comment**

Methyl ethyl ketoxime (MEKO) is formed upon contact with water or humid air. Male rodents exposed to MEKO vapor throughout their lifetime developed liver tumors. Since many commonly used chemicals cause liver tumors in rats and mice, additional testing is planned by the MEKO supplier to determine any relevance to humans. Until more data is known, exposure levels should be maintained as low as possible.

**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.

**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**

Get medical attention.

**Comments**

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

## 5. Fire Fighting Measures

**Flash Point**

Not determined

**Auto-ignition Temperature**

Not determined

**Lower Explosive Limit (%)**

Not applicable

**Upper Explosive Limit (%)**

Not applicable

**Extinguishing Media**

Carbon Dioxide, Dry Chemical, Foam, Water, Water Fog or Spray

**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

## 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 eye contact. Avoid skin contact. Avoid breathing vapor. Keep container closed. Do not take internally. Use reasonable care.

**Storage**

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

## 8. Exposure Controls and Personal Protection

### Component Exposure Limits

Methyl ethyl ketoxime is formed upon contact with water or moisture in the air. Provide adequate ventilation to control exposures to within the exposure guideline of 2 ppm (TWA).

### Engineering Controls

Local Ventilation: Recommended  
General Ventilation: Recommended

### Eye Protection

Use proper protection - safety glasses as a minimum.

### 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.

### Comment

Product evolves methyl ethyl ketoxime (MEKO) when exposed to water or humid air. Provide ventilation during use to control methyl ethyl ketoxime within the exposure guidelines or use respiratory protection.

## 9. Physical and Chemical Properties

<b>Physical State</b>	Paste
<b>Specific Gravity</b>	1.01
<b>Density lbs/Gal.</b>	8.55
<b>Color/Appearance</b>	Various
<b>Odor</b>	Slight
<b>pH</b>	Not applicable
<b>Boiling/Cond. Point</b>	Not determined
<b>Melting/Freezing Point</b>	Not determined
<b>Solubility</b>	Insoluble
<b>Evaporation Rate</b>	Not determined
<b>VOC %</b>	39 g/L
<b>Percent Volatile</b>	5 %
<b>Viscosity</b>	1,000,000 cPs

**Vapor Density** Not determined  
**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

**Materials to Avoid / Incompatibility**

Oxidizing material can cause a reaction.

**Hazardous Polymerization**

Will not occur

**Conditions to Avoid**

None known

## 11. Toxicological Information

**Special Hazard Information on Component**

Methyl Oximino Silane (22984-54-9) Possible skin sensitizer

Vinyl Oximino Silane (2224-33-1) Possible skin sensitizer

**Comment**

Methyl ethyl Ketoxime (MEKO) is formed upon contact with water or humid air. Male rodents exposed to MEKO vapor throughout their lifetime developed liver tumors. Since many commonly used chemicals cause liver tumors in rats and mice, additional testing is planned by the MEKO supplier to determine any relevance to humans. Until more data is known, exposure levels should be maintained as low as achievable.

**Carcinogenicity**

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

**Mutagenicity**

This product is not known to be a mutagen.

**Teratogenicity**

This product is not known to be a teratogen.

**Reproductive Toxin**

This product is not known to be a reproductive toxin.

## 12. Ecological Information

**Environmental Effects**

Complete information is not yet available.

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

Complete information is not yet available.

**Environmental Fate and Distribution**

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 in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**SARA Title III Section 302 Extremely Hazardous Substances**

None

**SARA Title III Section 304 CERCLA Hazardous Substances**

None

**SARA Title III Section 311/312**

No components subject to 40 CFR 370

**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.