

MSDS Document

Product BOSS® 401 COLORS Siding Sealant

1. Chemical Product and Company Identification

Product BOSS® 401 COLORS Siding Sealant

MSDS ID BOSS401

Manufacturer

Accumetric, LLC
350 Ring Road
Elizabethtown, KY 42701

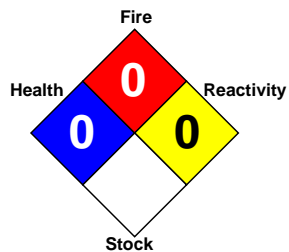
Phone Number

(270) 769-3385

Emergency Phone

CHEMTREC (800) 424-9300
CHEMTREC International (703) 527-3887

Revision Date 5/7/2013



Health:	0
Fire:	0
Reactivity:	0
Stock	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Stoddard solvent (Mineral Spirits)	8052-41-3	< 5.0 %	100 ppm	100 ppm	150 ppm
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 of overexposure 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 the 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 applicable
LEL	0.9
UEL	15.3

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

Ventilation

Good general ventilation should be sufficient.

Respiratory Protection

If engineering controls do not maintain airborne concentrations of hazardous ingredients below TLV, then a NIOSH/MSHA approved organic vapor respirator should be used. Not required under normal usage and adequate ventilation.

Eye Protection

Safety glasses or goggles with side shields.

Skin Protection

Impervious gloves are suggested.

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).

9. Physical and Chemical Properties

Physical State	Paste
Specific Gravity	1.8
Color/Appearance	Various
Odor	Acrylic odor
Boiling/Cond. Point	100C
Melting/Freezing Point	0C
Solubility	Dilutable in wet stage
Evaporation Rate	Slower than n-Butyl acetate
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

Road Shipment Information (DOT)

Not subject to DOT regulations.

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 311/312

No components subject to 40 CFR 370

SARA Title III Section 313 Toxic Chemicals

Ethylene Glycol (107-21-1)

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 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.