

MSDS Document

Product BOSS® 367 Elastomeric Adhesive Sealant

1. Chemical Product and Company Identification

Trade Name of this Product BOSS® 367 Elastomeric Adhesive Sealant

Synonyms: 02525CL10, 02523WH10, 02524GY10

MSDS ID BOSS367

Manufacturer

Accumetric, LLC
350 Ring Road
Elizabethtown, KY 42701

Phone Number

(270) 769-3385

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date 2/22/2007

Health:	1
Fire:	3
Reactivity:	0
Specific	PPE: B

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Xylene	1330-20-7	15% - 25%	100 ppm	100 ppm	150 ppm
Stoddard solvent (Mineral Spirits)	8052-41-3	10% - 15%	100 ppm	100 ppm	150 ppm
Ethyl benzene	100-41-4	< 5.0 %	100 ppm	100 ppm	125 ppm

3. Hazard Identification

Eye Contact

Can cause irritation, redness, tearing, and blurred vision.

Skin Contact

Prolonged or repeated contact can cause moderate irritation, defatting, and dermatitis.

Inhalation

Excessive inhalation of vapors can cause respiratory irritation, headache, drowsiness and fatigue. High concentrations of vapors are anesthetic and may cause central nervous system effects such as dizziness.

Ingestion

Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms of Overexposure

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain damage, nervous system, liver or kidney damage or may cause cardiac arrhythmia.

Intentional misuse of this product by deliberately inhaling its vapors may be harmful or fatal.

Overexposure to Xylene may cause injury to liver, kidney, and blood.

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

Flush eyes gently with water for at least 15 minutes, lifting eyelids occasionally; get prompt medical attention.

Skin Contact

Wash thoroughly with soap and water; apply a mild skin cream. Remove contaminated clothing.

Inhalation

Move affected person to fresh air; if breathing is difficult, administer oxygen; if breathing has stopped, give artificial respiration. Get medical attention.

Ingestion

DO NOT INDUCE VOMITING. Seek immediate medical attention.

5. Fire Fighting Measures

Flash Point	80F 26.67C
FP Method	Tag Closed Cup
LEL	1
UEL	7

Extinguishing Media

Carbon Dioxide, Dry Chemical, Foam
Use water fog to cool material in vicinity of fire.

Special Fire Fighting Procedures

Use self-contained breathing apparatus with full face piece operated in pressure demand

with full protective equipment.

Unusual Fire or Explosion Hazards

Any closed container may rupture when exposed to extreme heat. Solvent vapors are heavier than air and travel along the ground. Vapors given off are flammable and may be ignited in air explosively.

Hazardous Decomposition Products

Will produce fumes and smoke containing carbon monoxide and dioxide under fire conditions.

6. Accidental Release Measures

Steps to be taken in case of spill or release

Eliminate all ignition sources. Ventilate confined areas (open windows and doors). Wear appropriate protective clothing. Cover with absorbent. Scoop into sealable safety container.

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

Do not cut or burn receptacles that have contained a solvent based product. Do not reuse container. Use only in a well ventilated area.

Storage

Keep away from heat, spark, and flame. Keep out of reach of children. Keep container closed while not in use.

8. Exposure Controls and Personal Protection

Component Exposure Limits

Ethyl benzene (100-41-4)
ACGIH TLV 100 ppm
ACGIH STEL Not established
OSHA STEL 150 ppm
OSHA PEL 100 ppm

Stoddard Solvent (8052-41-3)
ACGIH TLV 100 ppm
ACGIH STEL Not established
OSHA STEL Not established
OSHA PEL 100 ppm

Xylene (1330-20-7)

ACGIH TLV 100 ppm
ACGIH STEL 150 ppm
OSHA STEL 150 ppm
OSHA PEL 100 ppm

Engineering Controls

Local Ventilation: Recommended
General Ventilation: Recommended

Eye Protection

Use proper protection - safety glasses as a minimum.

Skin Protection

Rubber gloves should be worn where skin contact is likely to occur. Wear impervious clothing and shoes.

Ventilation

Ventilate during application and curing.

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.

Other Precautions

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

9. Physical and Chemical Properties

Physical State	High viscosity caulk
Specific Gravity	0.927
Color/Appearance	Clear
pH	Not applicable
Boiling/Cond. Point	280-380F 138-193C
Solubility	Insoluble
Evaporation Rate	Slower than n-Butyl acetate
VOC %	35% (340 g/L)
Percent Volatile	35% (by wt) 40% (by vol)
Vapor Density	Heavier than air
Vapor Pressure	23 mm Hg @ 20C

Note

Boiling range, evaporation rate, vapor density and pressure for solvent only. 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

Keep away from heat, sparks, open flames, and any ignition source.

Materials to Avoid / Incompatibilities

Keep away from strong oxidizing agents.

11. Toxicological Information

Special Hazard Information on Components

No known applicable information.

Component Toxicology Information

No known applicable information.

Carcinogenicity

This product contains Ethyl benzene. The International Agency for Research on Cancer has evaluated ethyl benzene and classified it as a possible human carcinogen (Group 2B) based on sufficient evidence for carcinogenicity in experimental animals, but inadequate evidence for cancer in exposed humans.

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, but contains SARA regulated substances. 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

Ocean Shipment (IMDG)

Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.
Hazard Technical Name:
Hazard Class: 3
UN Number: 1993
Packing Group: II
Hazard Label(s): FLAMMABLE LIQUID
Marine Pollutant:

Remarks: Above applies only to containers over 1 gallon

DOT Road Shipment Information

Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.
Hazard Technical Name:
Hazard Class: 3
UN/NA Number: UN1993
Packing Group: III
Hazard Label(s): FLAMMABLE LIQUID LABEL

Remarks: Above applies only to containers over 1 gallon

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

Ethyl benzene (100-41-4) <= 1.7%
Xylene (1330-20-7) <= 6.8%

SARA Title III Section 312 Hazard Class

Acute: Yes
Chronic: Yes
Fire: No
Pressure: No
Reactive: No

SARA Title III Section 313 Toxic Chemicals

Ethyl benzene (100-41-4)
Xylene (1330-20-7)

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:

Ethyl benzene (100-41-4)

Pennsylvania

Ethyl benzene (100-41-4)
Stoddard Solvent (8052-41-3)
Xylene (1330-20-7)

New Jersey

Ethyl benzene (100-41-4)
Stoddard Solvent (8052-41-3)
Xylene (1330-20-7)

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.