

MSDS Document

Product BOSS® 345 Drywall Construction Adhesive

1. Chemical Product and Company Identification

Trade Name of this Product BOSS® 345 Drywall Construction Adhesive

Synonyms: 02948BR10

MSDS ID BOSS345

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

Health:	2
Fire:	3
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
n-Hexane	110-54-3	20.35 %	50 ppm	50 ppm	1000 ppm
Toluene	108-88-3	10.45 %	50 ppm skin	100 ppm skin	150 ppm skin

3. Hazard Identification

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

Skin Contact

Wash with soap and water. If irritation occurs, seek medical attention.

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	< 0F
FP Method	Setaflash
LEL	1.2
UEL	7.5

Flammability Class

1B

NOTE

Flammable liquid. Can form explosive mixtures at temperatures at or above the flash point.

Extinguishing Media

Use alcohol foam, carbon dioxide, water spray, or ABC dry chemical when fighting fires involving this product.

Hazardous Combustion Products

Oxides of carbon

Special Fire Fighting Procedures

Wear a NIOSH approved self contained breathing apparatus. Wear appropriate personal protective equipment. Water may be ineffective, but may be used to cool exposed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat.

6. Accidental Release Measures

Steps to be taken in case of spill or release

Isolate hazard area. Keep unnecessary and unprotected personnel from entering area. Wear all appropriate personal protection equipment (See Section 8). Use inert absorbent to dike the dike. Keep away from drains. If possible, pump liquid into an approved container or spread absorbent over spill and shovel (use non-sparking equipment) product/absorbent mixture into an approved container. If product has dried, scrape up and place in an approved 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

Avoid breathing vapors from the head space of containers. Keep lid closed when not in use. Use only in well ventilated area. Follow all MSDS/label precautions even after container is emptied. Containers may retain product residues and vapors.

Storage

Keep away from sources of ignition. Do not store above 110F. Store large quantities in building designed and protected for storage of NFPA Class 1B flammable materials.

8. Exposure Controls and Personal Protection

Work/Hygienic Practices

Eye washes and safety showers in the work place are recommended.

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. Wear impervious clothing and shoes.

9. Physical and Chemical Properties

Physical State	Mastic
Specific Gravity	1.23
Color/Appearance	Beige
Odor	Solvent
pH	Not Applicable
Boiling/Cond. Point	150F
Solubility	Nil in water
Evaporation Rate	Faster than n-Butyl Acetate
VOC %	365 g/L
Percent Volatile	31.16%

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

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

Materials to Avoid / Incompatibilities

Strong acids, bases and strong oxidizers.

11. Toxicological Information**Reproductive Toxicity**

Toluene may be harmful to the human fetus based on positive test results with laboratory animals. Case studies show that prolonged intentional abuse of toluene during pregnancy can cause birth defects in humans.

Carcinogenicity

This product is not known to be a carcinogen.

Component Toxicology Information**Hexane - Acute**

Ingestion of hexane can cause nausea, vomiting, stomach pain, and diarrhea. Hexane can irritate the skin and the eyes. Acutely, the most common toxic effects are central nervous system depression and chemical pneumonitis resulting from aspiration into the lungs following ingestion.

Hexane - Chronic

Dermal irritation and central nervous system depression accompanied by peripheral nervous system damage polyneuropathy are common traits of sustained overexposure.

Toluene - Acute

Toluene is a central nervous system depressant and skin and mucous membrane irritant. Severe dermatitis may result from its drying and defatting action. Toluene is an aspiration hazard causing chemical pneumonitis.

Toluene - Chronic

Toluene can cause cardiac sensitization. It is toxic to the kidney, liver can cause effects on the blood system such as increased clotting time.

12. Ecological Information**Environmental Fate and Distribution**

Complete information is not yet available.

Fate and Effects in Waste Water Treatment Plants

Complete information is not yet available.

Environmental Effects

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

DOT Road Shipment Information

Hazard Class: ORM-D
Identification Number: UN1133
Packing Group: III
Proper Shipping Name: Consumer Commodity
Label: Adhesives containing a Flammable Liquid

Air Shipment (IATA)

Hazard Class: ORM-D
Identification Number: UN1133
Packing Group: III
UN Class: 3
ICAO/IATA Class: 3
Proper Shipping Name: Consumer Commodity
Label: Adhesives containing a Flammable Liquid

Packaging may not be approved for shipping by air. Please contact Accumetric LLC for further information.

Ocean Shipment (IMDG)

Identification Number: UN1133
Packing Group: III
UN Class: 3
IMDG Class: Limited quantity
Label: Adhesives, containing a Flammable Liquid, Limited Quantity

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

Hexane (110-54-3)

Toluene (108-88-3)

SARA Title III Section 313 Toxic Chemicals

Hexane (110-54-3)

Toluene (108-88-3)

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:

Toluene (108-88-3) Teratogen

New Jersey

Clay 1332-58-7

C-9 resin 68240-01-7

Styrene-butadiene rubber 9003-55-8

Hexane 110-54-3

Toluene 108-88-3

Pensylvania

Hazardous components required to be listed at 1% or more:

Toluene 108-88-3

Kaolin clay 1332-58-7

Hexane 110-54-3

Non-hazardous components required to be listed at 3% or more:

Styrene-butadiene rubber 9003-55-8

Petroleum hydrocarbon oil 64742-52-5

C-9 resin 68240-01-7

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.