

MSDS Document

Product BOSS® MultiSeal 180

1. Chemical Product and Company Identification

Trade Name of this Product BOSS® MultiSeal 180

Synonyms: 04224WH25, C04303WH

MSDS ID BOSS180

Manufacturer

Accumetric, LLC
350 Ring Road
Elizabethtown, KY 42701

Phone Number

(270) 769-3385

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date 2/7/2012

Health:	1
Fire:	1
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Calcium carbonate	1317-65-3	25% - 55%	10 mg/m3	5 mg/m3	
Polymer	Proprietary, non-haz	10% - 30%			
Plasticizer	Proprietary, non-haz	10% - 30%			
N-beta-(aminoethyl)-ga mma-aminopropyltrimet hoxysilane	1760-24-3	3% - Max			
Vinyltrimethoxysilane	2768-02-7	3% - Max			

3. Hazard Identification

Primary Routes of Entry

Inhalation, skin contact

Eye Contact

Direct eye contact irritates slightly with redness and swelling.

Skin Contact

A single short exposure may cause irritation. Repeated prolonged exposure may cause mild irritation.

Inhalation

Inhalation of vapor may irritate respiratory tract and nasal passage. Prolonged inhalation of vapors may cause adverse effects on the central nervous system, including dizziness, nausea and vomiting.

Ingestion

There are no known symptoms of ingestion.

4. First Aid Information**Eye Contact**

Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation develops.

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

DO NOT INDUCE VOMITING. Seek immediate medical attention.

Comments

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

5. Fire Fighting Measures

Flash Point 200C

Flammability Limits in Air

Not determined

Auto-ignition Temperature

Not determined

Extinguishing Media

On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide, dry chemical or water spray. Water can be used to cool fire exposed containers.

Special Fire Fighting Procedures

Fire responders must wear self-contained breathing apparatus and full protective equipment. Move fire-exposed containers if it can be done without risk to firefighters. If

possible, control water run-off to prevent environmental contamination.

Unusual Fire and Explosion Hazards

When involved in a fire, this material may decompose and produce the following toxic gases: carbon monoxide, carbon dioxide, nitrogen oxides, aldehydes, silicon dioxide, and various polymer compounds. Contact with water will release small quantities of flammable methanol.

6. Accidental Release Measures

Steps to be taken in case of spill or release

Observe all personal protective equipment recommendations as described in Section 8. Scrape all spilled materials for disposal. This material is not classified as a hazardous waste per 40 CFR 261.

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.

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

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

8. Exposure Controls and Personal Protection

Eye Protection

Use proper protection - safety glasses as a minimum.

Skin Protection

Wash at mealtimes and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool water. Chemical protective gloves are recommended.

Ventilation

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

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.

Note

These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions.

9. Physical and Chemical Properties

Physical State	Paste
Specific Gravity	1.42
Color/Appearance	Various
Odor	Slight
Boiling/Cond. Point	Not determined
Melting/Freezing Point	Not determined
Solubility	Water dilutable in wet stage
Evaporation Rate	Not determined
VOC %	10 g/L
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

Hazardous Polymerization

Will not occur

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products:

Carbon monoxide
Carbon dioxide
Nitrogen oxides
Aldehydes
Silicon Dioxide
Various polymer compounds

Materials to Avoid

Oxidizing acids, amines, strong caustics, water

Conditions to Avoid

Contact with incompatible materials and exposure to extreme temperatures.

11. Toxicological Information

Carcinogenicity

This product is not known to be a carcinogen.

Teratogenicity

This product is not known to be a teratogen.

Mutagenicity

This product is not known to be a mutagen.

Reproductive Toxin

This product is not known to be a reproductive toxin.

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. 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

DOT(USA): Caulking & Glaziers, NOI

DOT Hazard Classification: None

UN/NA Number: Not applicable

Label Required: None

Marine Pollutant: None

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 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

Canada Domestic Substances List

All ingredients are listed on the DSL.

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.