

This Material Safety Data Sheet packet contains the MSDS for the products listed below:

BOSS[®] MultiSeal 125

BOSS[®] MultiSeal 125 Translucent

These two products have different formulations. Please confirm that you have the proper MSDS for the product being used.

MSDS Document

Product BOSS® MultiSeal 125

1. Chemical Product and Company Identification

Product BOSS® MultiSeal 125

Synonyms: 03970HTGR10, 03970WH10, 03970GY10, 03970BK10, 03970BR10, 03970ALGY10, 03970TN10, 03970OWH10, 03970LS10, 03970MB10, 03970RWTN10, 03970SPBZ10, 03970ST10

MSDS ID BOSS125

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 11/6/2013

Health:	1
Fire:	1
Reactivity:	0
Stock	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Calcium carbonate	1317-65-3	25% - 55%	10 mg/m ³	5 mg/m ³	
Polymer	Proprietary, non-haz	10% - 30%			
Plasticizer	Proprietary, non-haz	10% - 30%			
N-beta-(aminoethyl)- gamma- aminopropyltrimethoxysi lane	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

Ingestion

DO NOT INDUCE VOMITING. Seek immediate medical attention.

Inhalation

Remove to fresh air. If symptoms persist, obtain appropriate medical attention.

Skin Contact

Remove from skin and immediately flush with water for 15 minutes. Get medical attention if irritation or ill effects develop or persist.

Eye Contact

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

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.

Teratogenicidad

No se tiene conocimiento de que este producto sea teratógeno.

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 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**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 Titre III Section 304 CERCLA Substances dangereuses

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.

MSDS Document

Product BOSS® MultiSeal 125 Translucent

1. Chemical Product and Company Identification

Product BOSS® MultiSeal 125 Translucent

Synonyms: 03970TR10

MSDS ID BOSS125tr

Manufacturer

Accumetric, LLC
350 Ring Road
Elizabethtown, KY 42701

Phone Number

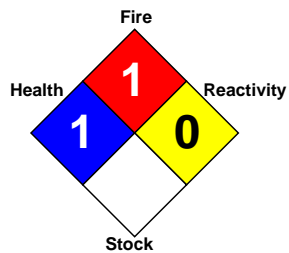
(270) 769-3385

Emergency Phone

CHEMTREC (800) 424-9300

CHEMTREC International (703) 527-3887

Revision Date 11/6/2013



Health:	1
Fire:	1
Reactivity:	0
Stock	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Polydimethylsiloxanedio l	70131-67-8	45% - 80%			
Calcium carbonate	1317-65-3	10% - 30%	10 mg/m3	5 mg/m3	
Dimethylpolysiloxane	63148-62-9	10% - 30%			
Amorphous fumed silica	112945-52-5	4% - 8%	10 mg/m3	6 mg/m3	
Methyl Oximino Silane	22984-54-9	2% - 5%			
Vinyl Oximino Silane	2224-33-1	1% - 3%			

3. Hazard Identification

Ingestion

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

Swallowing large amounts may injure slightly.

Inhalation

Vapor overexposure may cause drowsiness. There are no known effects associated with prolonged and/or repeated exposure.

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.

Eye Contact

Direct eye contact irritates slightly with redness and swelling.

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.

4. First Aid Information

Ingestion

DO NOT INDUCE VOMITING. Seek immediate medical attention.

Inhalation

Remove to fresh air. If symptoms persist, obtain appropriate medical attention.

Skin Contact

Remove from skin and immediately flush with water for 15 minutes. Get medical attention if irritation or ill effects develop or persist.

Eye Contact

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

Comments

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

5. Fire Fighting Measures

Flash Point	> 52C
FP Method	Seta Closed Cup

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 fires involving chemicals.

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

Storage

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

Handling

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

Other Precautions

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

8. Exposure Controls and Personal Protection

Precautionary Measures

Avoid eye contact. Avoid skin contact. Avoid breathing vapor.

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.

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.

Eye Protection

Use proper protection - safety glasses as a minimum.

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.

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	1.2
Density lbs/Gal.	10.01449
Color/Appearance	Translucent
Odor	Slight
pH	Not applicable
Boiling/Cond. Point	Not determined
Melting/Freezing Point	Not determined
Solubility	Insoluble
Evaporation Rate	Not determined
VOC %	47.6 g/L (3.6%)
Percent Volatile	5%
Viscosity	1,200,000 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

Hazardous Polymerization

Will not occur

Materials to Avoid / Incompatibility

Oxidizing material can cause a reaction.

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

Component Toxicology Information

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.

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

Air Shipment (IATA)

Not subject to IATA regulations.

Road Shipment Information (DOT)

Not subject to DOT regulations.

Ocean Shipment (IMDG)

Not subject to IMDG code.

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 Titre III Section 304 CERCLA Substances dangereuses

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

Pennsylvania

Limestone (1317-65-3)

16. Other Information

Disclaimer

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