

MSDS Document

Product BOSS® 816 Intumescent Firestop Sealant

1. Chemical Product and Company Identification

Trade Name of this Product BOSS® 816 Intumescent Firestop Sealant

Synonyms: 03642RD10, 03720RD10, 03730RD10, 03729RD17, 03745RD01, 03749RD01

MSDS ID BOSS816

Manufacturer

Accumetric, LLC
350 Ring Road
Elizabethtown, KY 42701

Phone Number

(270) 769-3385

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date 9/12/2011

Health:	2
Fire:	0
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Aluminium oxide	1344-28-1	10% - 25%	10 mg/m ³ TWA	5 mg/m ³ (resp)	
Zinc borate	1332-07-6	1% - 10%			

3. Hazard Identification

Summary of Acute Hazards

May cause skin irritation.

Eye Contact

Contact may cause eye irritation.

Skin Contact

Contact may cause skin irritation.

Inhalation

Not a respiratory irritant.

Ingestion

Possible irritation to mucous membranes of the mouth, throat and stomach.

Summary of Chronic Hazards

None known.

Medical Conditions Aggravated by Exposure

Persons with pre-existing skin conditions or chemical allergies may be more susceptible to contact effects of the cured elastomer.

4. First Aid Information

Eye Contact

Immediately flush with large amounts of water. If irritation occurs, seek medical attention.

Skin Contact

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

Inhalation

Not a respiratory irritant.

Ingestion

If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

5. Fire Fighting Measures

Flash Point None

Lower Explosive Limit

Not determined

Upper Explosive Limit

Not determined

Extinguishing Media

Carbon Dioxide, Dry Chemical, Foam, Water Fog

Special Fire Fighting Procedures

Wear self-contained breathing apparatus (SCBA) and other protective clothing. Hazardous decomposition products possible (see Section 10).

Unusual Fire and Explosion Hazards

Heat may build up and rupture closed containers.

6. Accidental Release Measures

Steps to be taken in case material is released or spilled

Wipe up spills to prevent footing hazard. Avoid flushing into sewers, drains, waterways and soil. Wear protective clothing during clean up.

7. Handling and Storage

Handling

Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues and vapors; treat as if full and observe all product precautions. Do not reuse empty containers. KEEP OUT OF REACH OF CHILDREN.

Storage

Keep container closed and upright when not in use. To prevent freezing and possible rupture of container, do not store below 40 F.

8. Exposure Controls and Personal Protection

Ventilation

Local Exhaust: Acceptable
Mechanical (General): Preferable

Respiratory Protection

None required for normal use.

Eye Protection

Safety glasses (ANSI Z-87.1 or equivalent)

Protective Gloves

Wear rubber gloves.

Other Protective Clothing

Coveralls recommended

Work/Hygenic Practices

Where use can result in skin contact, wash exposed area thoroughly before eating, drinking, smoking or food preparation. Launder contaminated clothing before re-use.

9. Physical and Chemical Properties

Physical State	Solid
Color/Appearance	Red mastic
Odor	Mild latex odor
pH	8 - 10
Boiling/Cond. Point	> 212F 100C
Melting/Freezing Point	Not Determined
Solubility	Soluble in water
Evaporation Rate	1 (BuAc=1)
VOC %	5.4 % (theoretical by wt)
Vapor Density	> 1 (Air=1)
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

Conditions to Avoid

None known

Materials to Avoid / Incompatibility

None known

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide and fragmented hydrocarbons

Hazardous Polymerization

Will not occur

11. Toxicological Information

Chronic Health Hazards

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

Toxicology Data

None

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 Classification

Non-regulated

Disposal Method

Solidification / Landfill

Waste from this product is not considered hazardous as defined under the RCRA 40 CFR 261. Dispose of in accordance with Federal, State and Local regulation regarding pollution.

14. Transportation Information

DOT Road Shipment Information

Not subject to DOT.

Ocean Shipment (IMDG)

Not subject to IMDG code.

Air Shipment (IATA)

Not subject to IATA regulations.

WHMIS (Canada)

D2B

15. Regulatory Information

The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Regulatory Data

Aluminum oxide

SARA 313 Yes

TSCA Inventory Yes

CARCLA RQ N/A

RCRA Code N/A

Zinc borate

SARA 313 Yes

TSCA Inventory Yes

CARCLA RQ 1,000 lbs.

RCRA Code N/A

WHMIS

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR). This MSDS contains all the information required by the CPR.

Classification(s): D2 B

California Proposition 65

WARNING! This product contains substances 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.

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.