



Safety Data Sheet

BOSS® 816 Intumescent Firestop Sealant

Section 1. Identification

Product Identifier	BOSS® 816 Intumescent Firestop Sealant		
Synonyms	81650; 81629; 81620; 81610; 03642RD10; 03729RD17; 03730RD10; 03745RD01; C39042RD		
Manufacturer Stock Numbers	03642RD10; 03729RD17; 03730RD10; 03745RD01; C39042RD		
Recommended use	Refer to Technical Information		
Uses advised against	Refer to Technical Information		
Manufacturer Contact			
Address	Soudal Accumetric 350 Ring Road Elizabethtown, KY, 42701 USA		
	Phone	Emergency Phone	Fax
	(270) 769-3385	(800) 424-9300 CHEMTREC	(270) 765-2412

Section 2. Hazards Identification

Classification	N/A
Signal Word	
Pictogram	
Hazard Statements	N/A
Precautionary Statements	
Response	N/A
Prevention	Wash hands thoroughly after handling.
Storage	N/A
Disposal	N/A
General	Keep out of reach of children

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

GHS Classification Not a hazardous substance or mixture.

GHS Label Element Not a hazardous substance or mixture.

Other hazards None known

Section 3. Ingredients

CAS	Ingredient Name	Weight %
1332-07-6	Zinc borate	1% - 10%
1344-28-1	Aluminium oxide	10% - 25%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

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.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media Carbon dioxide, dry chemical, foam, water fog

Unsuitable Extinguishing Media None known

Lower Explosive Limit Not determined

Upper Explosive Limit Not determined

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.

Section 6. Accidental Release Measures

Steps to be taken in case material is released or Wipe up spills to prevent footing hazard. Avoid flushing into sewers, drains, waterways and soil. Wear protective clothing during clean up.

spilled

Section 7. Handling and Storage

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

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Zinc borate	N/A	N/A	N/A
	Aluminium oxide	10 mg/m3 TWA	5 mg/m3 (resp)	N/A
Personal Protective Equipment	Goggles, Gloves			
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.			

Section 9. Physical and Chemical Properties

Physical State	Solid
Color	Red mastic
Odor	Mild latex odor
Odor Threshold	N/A
Solubility	Soluble in water
Partition coefficient Water/n-octanol	N/A
VOC%	5.4 g/L (theoretical by wt)
Viscosity	N/A
Specific Gravity	N/A
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A

Flash Point	None
FP Method	N/A
Ph	8 - 10
Melting Point	Not Determined
Boiling Point	> 212F 100C
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	1 (BuAc=1)
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	Not Determined
Vapor Density	> 1 (Air=1)

Note The above information is not intended for use in preparing product specifications. Contact Soudal Accumetric before writing specifications.

Section 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

Section 11. Toxicological Information

Toxicology Data None
 Chronic Health Hazards No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

Section 12. Ecological Information

Fate and Effects in Waste Water Treatment Plants Complete information is not yet available.
 Environmental Fate and Distribution Complete information is not yet available.
 Environmental Effects Complete information is not yet available.

Section 13. Disposal

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.

Waste Classification Non-regulated

Section 14. Transport Information

UN Number N/A
UN Proper Shipping Name Not regulated
DOT Classification Not regulated
Packing Group Not regulated
Ocean Shipment (IMDG) Not subject to IMDG code.
Air Shipment (IATA) Not subject to IATA regulations.
WHMIS (Canada) D2B

Section 15. Regulatory Information

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

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.

Section 16. Other Information

Revision Date 8/12/2016

Disclaimer The data contained herein is based upon information that Soudal Accumetric 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.