

MSDS Document

Product BOSS® 368 Butyl Rubber Sealant

1. Chemical Product and Company Identification

Trade Name of this Product BOSS® 368 Butyl Rubber Sealant

Synonyms: 02684WH10

MSDS ID BOSS368

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:	1
Fire:	2
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Calcium carbonate	1317-65-3	< 50 %	10 mg/m ³	5 mg/m ³	
Stoddard solvent (Mineral Spirits)	8052-41-3	< 30 %	100 ppm	100 ppm	150 ppm
Magnesium silicate	14807-96-6	< 10 %			
Carbon Black	1333-86-4	< 10 %	3.5 mg/m	3.5 mg/m	
Titanium Dioxide	13463-67-7	< 10 %	10 mg/m ³	15 mg/m ³	

3. Hazard Identification

Eye Contact

Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

Skin Contact

Prolonged or repeated contact can result in defatting and drying of the skin which may result

in skin irritation and dermatitis (rash).

Inhalation

Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from overexposure to vapor or skin exposure.

Ingestion

Irritating to mouth, throat and stomach.

Chronic Hazards

Overexposure may cause nervous system damage. Overexposure may cause lung damage.

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 contaminated clothing and wash skin with soap and water. Get medical attention if irritation persists. Launder clothing before reuse.

Inhalation

Remove individual to fresh air. Give oxygen if breathing is labored. If breathing has stopped give artificial respiration. Keep person warm, quiet and seek medical attention.

Ingestion

If swallowed, do not induce vomiting. Give victim one or two glasses of water or milk. Call a physician or poison control center immediately for further instructions. Never give anything by mouth to an unconscious person.

5. Fire Fighting Measures

Flash Point	105F
FP Method	(Mineral Spirits)

Extinguishing Media

Carbon Dioxide, Dry Chemical, Foam, Water Fog

Unusual Fire and Explosion Hazards

Combustible liquid. Can form explosive mixtures at temperatures at or above the flash point. "Empty" containers retain product residue (liquid and/or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity or other sources of ignition; they may explode and cause injury or death. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner or properly disposed of.

Special Firefighting Procedures

As in any fire, wear self-contained breathing apparatus pressure demand (MSHA/NIOSH approved or equivalent) and full protective gear.

6. Accidental Release Measures

7. Handling and Storage

8. Exposure Controls and Personal Protection

9. Physical and Chemical Properties

Physical State	Paste
Specific Gravity	1.28
Color/Appearance	Various
Odor	Petroleum
pH	Not applicable
Boiling/Cond. Point	Not established
Melting/Freezing Point	> 300F
Solubility	Negligible in water
VOC %	202 g/L
Vapor Density	Heavier than air
Vapor Pressure	Heavier than air

Note

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

10. Stability and Reactivity

11. Toxicological Information

For Titanium Dioxide

Trochimowicz, et al., J. Appl. Tox. 8, 383-385 (1988).

Oral LD50 (rat)	> 25 g/kg
Dermal LD50 (rabbit)	> 10 g/kg
Inhalation LC50 (rat)	> 6.82 mg/L (4 hr)

E.I. DuPont's Haskel Toxicology Laboratory conducted lifetime inhalation studies of respirable titanium dioxide at levels up to 250 mg/m³; no compound related clinical studies were seen in the exposed animals. Slight pulmonary fibrosis was seen at 50 to 250 mg/m³ respirable titanium dioxide but not at 10 mg/m³. There was no evidence of cancer in animals exposed to 10 or 50 mg/m³ respirable titanium dioxide. Microscopic lung tumors were seen in 17 percent of the rats exposed to 250 mg/m³ respirable titanium dioxide. The lung tumors observed in the rats were different from common human lung cancers, relative to anatomic type and location, and occurred only at dust levels which overwhelmed the animals lung clearance mechanism and therefore, are of questionable biological relevance for man.

Results of a DuPont epidemiology study showed that employees who had been exposed to

titanium dioxide pigments were at no greater risk of developing lung cancer than were employees who had not been exposed to titanium dioxide pigments. No pulmonary fibrosis was found in any of the employees and no associations were observed between titanium dioxide pigment exposure and chronic respiratory disease or lung abnormalities. Based on the results of this study, DuPont concluded that titanium dioxide pigment will not cause lung cancer or chronic respiratory disease in humans at concentrations experienced in the workplace.

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

14. Transportation Information

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 312 Hazard Class

Acute: Yes

Chronic: Yes

Fire: Yes

Pressure: No

Reactive: No

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

New Jersey

Talc (14807-96-6)

Mineral spirits (8052-41-3)

Pennsylvania

Calcium carbonate (1317-65-3)

Talc (14807-96-6)

Mineral spirits (8052-41-3)

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.