MSDS Document

Product BOSS® 319 Neutral Silicone Sealant, Fast Cure

1. Chemical Product and Company Identification

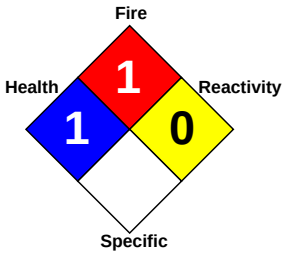
Trade Name of this Product BOSS® 319 Neutral Silicone Sealant, Fast Cure

Synonyms: Industrial Sealant, 02547CL10, 31900, 31901

MSDS ID BOSS319

Manufacturer
Accumetric, LLC
350 Ring Road
Elizabethtown, KY 42701

Phone Number
(270) 769-3385
Emergency Phone
CHEMTREC (800) 424-9300
Revision Date 4/28/2005



Health:	1
Fire:	1
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Polydimethylsiloxanediol	70131-67-8	30% - 40%			
Calcium carbonate	1317-65-3	10% - 30%	15 mg/m≈ total dust	10 mg/m≈ total dust	
Dimethylpolysiloxane	63148-62-9	15% - 30%			
Amorphous fumed silica	112945-52-5	4% - 8%	10 mg/m≈	6 mg/m≈	
Methyl Oximino Silane	22984-54-9	2% - 5%			

3. Hazard Identification

Eye Contact
Direct contact may cause mild irritation.

Skin Contact
No significant irritation expected from a single short-term exposure. Repeated or prolonged

exposure may cause irritation.

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

Ingestion
Low ingestion hazard in normal use. Repeated ingestion or swallowing large amounts may injure internally.

Symptoms of Overexposure
No known applicable information.

Existing Conditions Aggravated by Exposure
No known applicable information.

4. First Aid Information

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

Skin Contact
No first aid should be needed.

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

Ingestion
Get medical attention.

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

5. Fire Fighting Measures

Flash Point	>62C
FP Method	Seta closed cup

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
Self-contained breathing apparatus and protective clothing should be worn when fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers

cool.

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

Handling
Use with adequate ventilation. Avoid eye contact. Avoid breathing vapor. Keep container closed. Do not take internally.

Storage
Keep container closed and store away from water or moisture.

8. Exposure Controls and Personal Protection

Component Exposure Limits
There are no components with workplace exposure limits.

Engineering Controls
Local Ventilation: Recommended
General Ventilation: Recommended

Eye Protection
Use proper protection - safety glasses as a minimum.

Skin Protection
Washing at mealtime and end of shift is adequate.

Suitable gloves: No special protection needed.

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.

Suitable Respirator:
General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits as determined by air sampling or are unknown, appropriate respiratory protection should be worn. Follow OSHA Respirator Regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

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	1.21
Color/Appearance	Various
Odor	Slight
pH	Not applicable
Boiling/Cond. Point	Not determined
Melting/Freezing Point	Not determined
Solubility	Insoluble
Evaporation Rate	Not determined
VOC %	45 g/L
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

Conditions to Avoid
None known

Materials to Avoid / Incompatibility
Oxidizing material can cause a reaction.

11. Toxicological Information

Component Toxicology Information
No known applicable information.

Special Hazard Information on Components
No known applicable information.

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
Not subject to DOT.

Ocean Shipment (IMDG)
Not subject to IMDG code.

Air Shipment (IATA)
Not subject to IATA regulations.

15. Regulatory Information

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

TSCA Status
All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

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: No
Fire: No
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

Massachusetts
Limestone (1317-65-3)

Depending on color, may also contain:
Titanium Dioxide (13463-67-7)

New Jersey
Amorphous fumed silica (112945-52-5)
Dimethyl siloxane, hydroxy-terminated (70131-67-8)
Limestone (1317-65-3)
Methyloximinosilane (22984-54-9)
Polydimethylsiloxane (63148-62-9)

Depending on color, may also contain:
Carbon Black (1333-86-4)
Titanium Dioxide (13463-67-7)

Pennsylvania
Amorphous fumed silica (112945-52-5)
Simethyl siloxane, hydroxy-terminated (70131-67-8)
Limestone (1317-65-3)
Polydimethylsiloxane (63148-62-9)

Depending on color, may also contain:
Carbon Black (1333-86-4)
Titanium Dioxide (13463-67-7)

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.